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Research Topic

Palm Oil

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Overview of Terms

Associated with Your Search Topic

19 Relevant Results for

Diseases

Disease/Symptom	Cumulative Knowledge	Article Count
Heart Disease: Ischemic	8	4
Ischemia: Myocardial	6	3
Cardiovascular Diseases	5	3
Alcoholic Liver Disease	4	2
Oxidative Stress	4	2
Breast Cancer	3	2
Colon Cancer	2	1
Diabetes Mellitus: Type 1: Prevention	2	1
High Cholesterol	2	1
Kidney Damage	2	1
Liver Fibrosis	2	1
Myocardial Infarction	2	1
Pancreatic Cancer	2	2
Apolipoprotein Disorders	1	1
Cholesterol: LDL/HDL ratio	1	1
Dyslipidemias	1	1
Pancreatic Cancer: Metastatic	1	1
Respiratory Distress Syndrome	1	1
Triglycerides: Elevated	1	1

14 Relevant Results for Pharmacological Actions

Pharmacological Action Name	Cumulative Knowledge	Article Count
Cardioprotective	7	4

Antioxidants	4	2
Cardiotonic Agents	4	2
Cyclooxygenase 2 Inhibitors	4	2
Renoprotective	4	2
Tumor Necrosis Factor (TNF) Alpha Inhibitor	4	2
Apoptotic	3	2
NF-kappaB Inhibitor	3	2
Chemopreventive	2	1
Hypoglycemic Agents	2	1
Matrix metalloproteinase-2 (MMP-2) inhibitor	2	1
Anti-metastatic	1	1
Antiproliferative	1	1
Cell cycle arrest	1	1

7 Relevant Results for Substances

Substance Name	Cumulative Knowledge	Article Count
Tocotrienols	5	3
Medium Chain Triglycerides	4	2
Saturated fatty acids	4	2
Rice Bran	2	1
Tocotrienol: Alpha	1	1
Tocotrienol: Delta	1	1
Tocotrienol: Gamma	1	1

3 Relevant Results for Keywords

Keyword Name	Cumulative Knowledge	Article Count
Beneficial Saturated Fats	4	2

Disease Reversal	2	1
Dose Response	1	1

View the Evidence. 16 Research Articles in Total.

Category : Diseases

Alcoholic Liver Disease (AC 2) (CK 4)

Dietary saturated fatty acids down-regulate cyclooxygenase-2 and tumor necrosis factor alfa and reverse fibrosis in alcohol-induced liver disease in the rat.

Pubmed Data : Hepatology. 1997 Dec;26(6):1538-45. PMID: [9397995](#)

Article Published Date : Dec 01, 1997

Authors : A A Nanji, D Zakim, A Rahemtulla, T Daly, L Miao, S Zhao, S Khwaja, S R Tahan, A J Dannenberg

Study Type : Animal Study

Additional Links

Substances : Medium Chain Triglycerides : CK(53) : AC(15), Palm Oil : CK(28) : AC(16), Saturated fatty acids : CK(175) : AC(5)

Diseases : Alcoholic Liver Disease : CK(126) : AC(48), Liver Fibrosis : CK(483) : AC(75)

Pharmacological Actions : Cyclooxygenase 2 Inhibitors : CK(395) : AC(174), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1655) : AC(604)

Additional Keywords : Beneficial Saturated Fats : CK(6) : AC(3), Disease Reversal : CK(55) : AC(16)

Saturated fatty acids, palm oil and medium chain triglycerides, reverse inflammatory and fibrotic changes in rat liver despite continued ethanol administration.

Pubmed Data : J Pharmacol Exp Ther. 2001 Nov;299(2):638-44. PMID: [11602676](#)

Article Published Date : Nov 01, 2001

Authors : A A Nanji, K Jokelainen, G L Tipoe, A Rahemtulla, A J Dannenberg

Study Type : Animal Study

Additional Links

Substances : Medium Chain Triglycerides : CK(53) : AC(15) , Palm Oil : CK(28) : AC(16) , Saturated fatty acids : CK(175) : AC(5)

Diseases : Alcoholic Liver Disease : CK(126) : AC(48)

Pharmacological Actions : Cyclooxygenase 2 Inhibitors : CK(395) : AC(174) , NF-kappaB Inhibitor : CK(1041) : AC(652) , Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1556) : AC(567)

Additional Keywords : Beneficial Saturated Fats : CK(6) : AC(3)

Apolipoprotein Disorders (AC 1) (CK 1)

Review: Palm oil has numerous beneficial health effects.

Pubmed Data : Food Nutr Bull. 2002 Mar;23(1):11-22. PMID: [11975364](#)

Article Published Date : Mar 01, 2002

Authors : A S H Ong, S H Goh

Study Type : Commentary

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Apolipoprotein Disorders : CK(48) : AC(9) , Cardiovascular Diseases : CK(6898) : AC(872) , Cholesterol: LDL/HDL ratio : CK(462) : AC(58) , Dyslipidemias : CK(352) : AC(40) , Triglycerides: Elevated : CK(491) : AC(69)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215)

Breast Cancer (AC 2) (CK 3)

Palm oil contains carotenes which suppresses the growth of human breast cancer cells in mice.

Pubmed Data : Lipids. 2002 Jun;37(6):557-60. PMID: [12120953](#)

Article Published Date : Jun 01, 2002

Authors : Kalanithi Nesaretnam, Ammu Radhakrishnan, Kanga Rani Selvaduray, Karin Reimann, Jayalakshmi Pailoor, Ghazali Razak, Mina Mustafa Mahmood, Jasbir Singh Dahliwal

Study Type : Transgenic Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(17)

Diseases : Breast Cancer : CK(3393) : AC(1003)

Palm tocotrienols inhibit proliferation of mouse mammary cancer cells.

Pubmed Data : J Interferon Cytokine Res. 2010 Dec;30(12):909-16. PMID: [21121862](#)

Article Published Date : Dec 01, 2010

Authors : Kanga Rani Selvaduray, Ammu K Radhakrishnan, Methil Kannan Kutty, Kalanithi Nesaretnam

Study Type : In Vitro Study

Additional Links

Substances : Palm Oil : CK(28) : AC(17) , Tocotrienol: Alpha : CK(2) : AC(2) , Tocotrienol: Delta : CK(9) : AC(7) , Tocotrienol: Gamma : CK(25) : AC(12) , Tocotrienols : CK(23) : AC(16)

Diseases : Breast Cancer : CK(3393) : AC(1003)

Cardiovascular Diseases (AC 3) (CK 5)

Palm Oil has cardioprotective effects by augmenting cardiac antioxidant enzymes and protecting against ischemic heart damage in rats.

Pubmed Data : J Med Assoc Thai. 2008 Mar;91(3):400-7. PMID: [16259777](#)

Article Published Date : Mar 01, 2008

Authors : D Narang, S Sood, M Thomas, A K Dinda, S K Maulik

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Cardiovascular Diseases : CK(6898) : AC(872) , Heart Disease: Ischemic : CK(94) : AC(16) , Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Cardiotonic Agents : CK(46) : AC(7)

Palm Oil has cardioprotective effects.

Pubmed Data : BMC Pharmacol. 2004 Nov 9;4:29. PMID: [15535879](#)

Article Published Date : Nov 09, 2004

Authors : Deepak Narang, Subeena Sood, Mathew Kadali Thomas, Amit Kumar Dinda, Subir Kumar Maulik

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Cardiovascular Diseases : CK(6898) : AC(872) , Heart Disease: Ischemic : CK(94) : AC(16)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215)

Review: Palm oil has numerous beneficial health effects.

Pubmed Data : Food Nutr Bull. 2002 Mar;23(1):11-22. PMID: [11975364](#)

Article Published Date : Mar 01, 2002

Authors : A S H Ong, S H Goh

Study Type : Commentary

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Apolipoprotein Disorders : CK(48) : AC(9) , Cardiovascular Diseases : CK(6898) : AC(872) , Cholesterol: LDL/HDL ratio : CK(462) : AC(58) , Dyslipidemias : CK(352) : AC(40) , Triglycerides: Elevated : CK(491) : AC(69)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215)

Cholesterol: LDL/HDL ratio (AC 1) (CK 1)

Review: Palm oil has numerous beneficial health effects.

Pubmed Data : Food Nutr Bull. 2002 Mar;23(1):11-22. PMID: [11975364](#)

Article Published Date : Mar 01, 2002

Authors : A S H Ong, S H Goh

Study Type : Commentary

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Apolipoprotein Disorders : CK(48) : AC(9) , Cardiovascular Diseases : CK(6898) : AC(872) , Cholesterol: LDL/HDL ratio : CK(462) : AC(58) , Dyslipidemias : CK(352) : AC(40) , Triglycerides: Elevated : CK(491) : AC(69)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215)

Colon Cancer (AC 1) (CK 2)

Red Palm oil suppresses aberrant crypt foci (precursor to colon cancer)

Pubmed Data : Food Chem Toxicol. 2006 Oct;44(10):1667-73. Epub 2006 May 17. PMID: [16822603](#)

Article Published Date : Oct 01, 2006

Authors : J Boateng, M Verghese, C B Chawan, L Shackelford, L T Walker, J Khatiwada, D S Williams

Study Type : Animal Study

Additional Links

Substances : [Palm Oil](#) : [CK\(28\)](#) : [AC\(17\)](#)

Diseases : [Colon Cancer](#) : [CK\(725\)](#) : [AC\(412\)](#)

Pharmacological Actions : [Chemopreventive](#) : [CK\(2626\)](#) : [AC\(740\)](#)

Diabetes Mellitus: Type 1: Prevention (AC 1) (CK 2)

Tocotrienol rich fractions of palm oil and rice bran oil protect against kidney damage associated with high blood sugar in type 1 diabetes.

Pubmed Data : Chem Biol Interact. 2010 Dec 5;188(3):651-8. Epub 2010 Sep 28. PMID: [20816776](#)

Article Published Date : Dec 05, 2010

Authors : Shabeena Siddiqui, Mohd Rashid Khan, Waseem A Siddiqui

Study Type : Animal Study

Additional Links

Substances : [Palm Oil](#) : [CK\(28\)](#) : [AC\(16\)](#) , [Rice Bran](#) : [CK\(29\)](#) : [AC\(14\)](#) , [Tocotrienols](#) : [CK\(23\)](#) : [AC\(16\)](#)

Diseases : [Diabetes Mellitus: Type 1: Prevention](#) : [CK\(240\)](#) : [AC\(36\)](#) , [Oxidative Stress](#) : [CK\(3677\)](#) : [AC\(1321\)](#)

Pharmacological Actions : [Antioxidants](#) : [CK\(6711\)](#) : [AC\(2004\)](#) , [Hypoglycemic Agents](#) : [CK\(1190\)](#) : [AC\(268\)](#) , [Renoprotective](#) : [CK\(222\)](#) : [AC\(106\)](#)

Dyslipidemias (AC 1) (CK 1)

Review: Palm oil has numerous beneficial health effects.

Pubmed Data : Food Nutr Bull. 2002 Mar;23(1):11-22. PMID: [11975364](#)

Article Published Date : Mar 01, 2002

Authors : A S H Ong, S H Goh

Study Type : Commentary

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Substances : Palm Oil : CK(28) : AC(16)

Diseases : Apolipoprotein Disorders : CK(48) : AC(9) , Cardiovascular Diseases : CK(6898) : AC(872) , Cholesterol: LDL/HDL ratio : CK(462) : AC(58) , Dyslipidemias : CK(352) : AC(40) , Triglycerides: Elevated : CK(491) : AC(69)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215)

Heart Disease: Ischemic (AC 4) (CK 8)

Dietary red palm oil improves functional recovery in heart muscle following ischemic trauma.

Pubmed Data : Lipids Health Dis. 2009;8:18. Epub 2009 May 29. PMID: [19480681](#)

Article Published Date : Jan 01, 2009

Authors : Anna-Mart Engelbrecht, Louise Odendaal, Eugene F Du Toit, Kristina Kupai, Tamás Csont, Peter Ferdinandy, Jacques van Rooyen

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Heart Disease: Ischemic : CK(155) : AC(20) , Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Cardiotonic Agents : CK(46) : AC(7)

Dietary red palm oil reduces ischaemia-reperfusion injury in rats fed a hypercholesterolaemic diet.

Pubmed Data : Br J Nutr. 2007 Apr;97(4):653-60. PMID: [17349077](#)

Article Published Date : Apr 01, 2007

Authors : Maritza J Kruger, Anna-Mart Engelbrecht, Johan Esterhuysen, Eugene F du Toit, Jacques van Rooyen

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Heart Disease: Ischemic : CK(94) : AC(16) , High Cholesterol : CK(2034) : AC(199) , Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Apoptotic : CK(2582) : AC(1717) , Cardioprotective : CK(1339) : AC(215)

Palm Oil has cardioprotective effects by augmenting cardiac antioxidant enzymes and protecting against ischemic heart damage in rats.

Pubmed Data : J Med Assoc Thai. 2008 Mar;91(3):400-7. PMID: [16259777](#)

Article Published Date : Mar 01, 2008

Authors : D Narang, S Sood, M Thomas, A K Dinda, S K Maulik

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

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Pharmacological Actions : Cardiotonic Agents : CK(46) : AC(7)

Palm Oil has cardioprotective effects.

Pubmed Data : BMC Pharmacol. 2004 Nov 9;4:29. PMID: [15535879](#)

Article Published Date : Nov 09, 2004

Authors : Deepak Narang, Subeena Sood, Mathew Kadali Thomas, Amit Kumar Dinda, Subir Kumar Maulik

Study Type : Animal Study

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Substances : Palm Oil : CK(28) : AC(16)

Diseases : Cardiovascular Diseases : CK(6898) : AC(872) , Heart Disease: Ischemic : CK(94) : AC(16)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215)

High Cholesterol (AC 1) (CK 2)

Dietary red palm oil reduces ischaemia-reperfusion injury

in rats fed a hypercholesterolaemic diet.

Pubmed Data : Br J Nutr. 2007 Apr;97(4):653-60. PMID: [17349077](#)

Article Published Date : Apr 01, 2007

Authors : Maritza J Kruger, Anna-Mart Engelbrecht, Johan Esterhuyse, Eugene F du Toit, Jacques van Rooyen

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Heart Disease: Ischemic : CK(94) : AC(16) , High Cholesterol : CK(2034) : AC(199) , Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Apoptotic : CK(2582) : AC(1717) , Cardioprotective : CK(1339) : AC(215)

Ischemia: Myocardial (AC 3) (CK 6)

Dietary red palm oil improves functional recovery in heart muscle following ischemic trauma.

Pubmed Data : Lipids Health Dis. 2009;8:18. Epub 2009 May 29. PMID: [19480681](#)

Article Published Date : Jan 01, 2009

Authors : Anna-Mart Engelbrecht, Louise Odendaal, Eugene F Du Toit, Kristina Kupai, Tamás Csont, Peter Ferdinandy, Jacques van Rooyen

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Heart Disease: Ischemic : CK(155) : AC(20) , Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Cardiotonic Agents : CK(46) : AC(7)

Dietary red palm oil reduces ischaemia-reperfusion injury in rats fed a hypercholesterolaemic diet.

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Study Type : Animal Study

Additional Links

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Diseases : Heart Disease: Ischemic : CK(94) : AC(16) , High Cholesterol : CK(2034) : AC(199) ,

Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Apoptotic : CK(2582) : AC(1717), Cardioprotective : CK(1339) : AC(215)

Palm Oil has cardioprotective effects by augmenting cardiac antioxidant enzymes and protecting against ischemic heart damage in rats.

Pubmed Data : J Med Assoc Thai. 2008 Mar;91(3):400-7. PMID: [16259777](#)

Article Published Date : Mar 01, 2008

Authors : D Narang, S Sood, M Thomas, A K Dinda, S K Maulik

Study Type : Animal Study

Additional Links

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Diseases : Cardiovascular Diseases : CK(6898) : AC(872), Heart Disease: Ischemic : CK(94) : AC(16), Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Cardiotonic Agents : CK(46) : AC(7)

Kidney Damage (AC 1) (CK 2)

A tocotrienol rich fraction of palm oil protects against chemically-induced kidney damage.

Pubmed Data : Chem Biol Interact. 2010 Jul 30;186(2):228-38. Epub 2010 Apr 28. PMID: [20433818](#)

Article Published Date : Jul 30, 2010

Authors : Mohd Rashid Khan, Shabeena Siddiqui, Kehkashan Parveen, Saleem Javed, Sandhya Diwakar, Waseem A Siddiqui

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16), Tocotrienols : CK(23) : AC(16)

Diseases : Kidney Damage : CK(144) : AC(42), Oxidative Stress : CK(3677) : AC(1321)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004), Renoprotective : CK(222) : AC(106)

Liver Fibrosis (AC 1) (CK 2)

Dietary saturated fatty acids down-regulate cyclooxygenase-2 and tumor necrosis factor alfa and reverse fibrosis in alcohol-induced liver disease in the rat.

Pubmed Data : Hepatology. 1997 Dec;26(6):1538-45. PMID: [9397995](#)

Article Published Date : Dec 01, 1997

Authors : A A Nanji, D Zakim, A Rahemtulla, T Daly, L Miao, S Zhao, S Khwaja, S R Tahan, A J Dannenberg

Study Type : Animal Study

Additional Links

Substances : Medium Chain Triglycerides : CK(53) : AC(15), Palm Oil : CK(28) : AC(16), Saturated fatty acids : CK(175) : AC(5)

Diseases : Alcoholic Liver Disease : CK(126) : AC(48), Liver Fibrosis : CK(483) : AC(75)

Pharmacological Actions : Cyclooxygenase 2 Inhibitors : CK(395) : AC(174), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1655) : AC(604)

Additional Keywords : Beneficial Saturated Fats : CK(6) : AC(3), Disease Reversal : CK(55) : AC(16)

Myocardial Infarction (AC 1) (CK 2)

Dietary red palm oil supplementation reduces myocardial infarct size in an isolated perfused rat heart model.

Pubmed Data : J Clin Endocrinol Metab. 2002 Mar;87(3):1010-4. PMID: [20565865](#)

Article Published Date : Mar 01, 2002

Authors : Dirk J Bester, Krisztina Kupai, Tamas Csont, Gergu Szucs, Csaba Csonka, Adriaan J Esterhuyse, Peter Ferdinandy, Jacques Van Rooyen

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Myocardial Infarction : CK(1071) : AC(155)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215), Matrix metalloproteinase-2 (MMP-2) inhibitor : CK(213) : AC(88)

Oxidative Stress (AC 2) (CK 4)

A tocotrienol rich fraction of palm oil protects against chemically-induced kidney damage.

Pubmed Data : Chem Biol Interact. 2010 Jul 30;186(2):228-38. Epub 2010 Apr 28. PMID: [20433818](#)

Article Published Date : Jul 30, 2010

Authors : Mohd Rashid Khan, Shabeena Siddiqui, Kehkashan Parveen, Saleem Javed, Sandhya Diwakar, Waseem A Siddiqui

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16) , Tocotrienols : CK(23) : AC(16)

Diseases : Kidney Damage : CK(144) : AC(42) , Oxidative Stress : CK(3677) : AC(1321)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004) , Renoprotective : CK(222) : AC(106)

Tocotrienol rich fractions of palm oil and rice bran oil protect against kidney damage associated with high blood sugar in type 1 diabetes.

Pubmed Data : Chem Biol Interact. 2010 Dec 5;188(3):651-8. Epub 2010 Sep 28. PMID: [20816776](#)

Article Published Date : Dec 05, 2010

Authors : Shabeena Siddiqui, Mohd Rashid Khan, Waseem A Siddiqui

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16) , Rice Bran : CK(29) : AC(14) , Tocotrienols : CK(23) : AC(16)

Diseases : Diabetes Mellitus: Type 1: Prevention : CK(240) : AC(36) , Oxidative Stress : CK(3677) : AC(1321)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004) , Hypoglycemic Agents : CK(1190) : AC(268) , Renoprotective : CK(222) : AC(106)

Pancreatic Cancer (AC 2) (CK 2)

Carotenoids from red palm and green tea polyphenols exhibit chemopreventive effects on pancreatic cancer cell

lines.

Pubmed Data : Pancreas. 1998 Jan;16(1):13-8. PMID: [9436857](#)

Article Published Date : Jan 01, 1998

Authors : T Majima, M Tsutsumi, H Nishino, T Tsunoda, Y Konishi

Study Type : In Vitro Study

Additional Links

Substances : Palm Oil : CK(28) : AC(17)

Diseases : Pancreatic Cancer : CK(838) : AC(249)

These results demonstrate the anti-tumor effects of oil palm phenolics on pancreatic cancer cells.

Pubmed Data : Anticancer Res. 2015 Jan ;35(1):97-106. PMID: [25550539](#)

Article Published Date : Dec 31, 2014

Authors : Xiangming Ji, Anee Usman, Nurul H Razalli, Ravigadevi Sambanthamurthi, Smiti V Gupta

Study Type : In Vitro Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Pancreatic Cancer : CK(838) : AC(249), Pancreatic Cancer: Metastatic : CK(11) : AC(1)

Pharmacological Actions : Anti-metastatic : CK(568) : AC(374), Antiproliferative : CK(2321) : AC(1573), Apoptotic : CK(2781) : AC(1944), Cell cycle arrest : CK(670) : AC(358), NF-kappaB Inhibitor : CK(1041) : AC(652)

Additional Keywords : Dose Response : CK(782) : AC(281), Dose Response : CK(782) : AC(281)

Pancreatic Cancer: Metastatic (AC 1) (CK 1)

These results demonstrate the anti-tumor effects of oil palm phenolics on pancreatic cancer cells.

Pubmed Data : Anticancer Res. 2015 Jan ;35(1):97-106. PMID: [25550539](#)

Article Published Date : Dec 31, 2014

Authors : Xiangming Ji, Anee Usman, Nurul H Razalli, Ravigadevi Sambanthamurthi, Smiti V Gupta

Study Type : In Vitro Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Pancreatic Cancer : CK(838) : AC(249), Pancreatic Cancer: Metastatic : CK(11) : AC(1)

Pharmacological Actions : Anti-metastatic : CK(568) : AC(374), Antiproliferative : CK(2321) : AC(1573), Apoptotic : CK(2781) : AC(1944), Cell cycle arrest : CK(670) : AC(358) , NF-kappaB Inhibitor : CK(1041) : AC(652)

Additional Keywords : Dose Response : CK(782) : AC(281), Dose Response : CK(782) : AC(281)

Respiratory Distress Syndrome (AC 1) (CK 1)

Palm oil consumption is associated with the low incidence of respiratory distress syndrome in Nigeria.

Pubmed Data : Monatsschr Kinderheilkd. 1979 Nov;127(11):669-74. PMID: [514273](#)

Article Published Date : Nov 01, 1979

Authors : O Okoh, R Grosspietzsch, L von Klitzing

Study Type : Commentary

Additional Links

Substances : Palm Oil : CK(28) : AC(17)

Diseases : Respiratory Distress Syndrome : CK(11) : AC(2)

Triglycerides: Elevated (AC 1) (CK 1)

Review: Palm oil has numerous beneficial health effects.

Pubmed Data : Food Nutr Bull. 2002 Mar;23(1):11-22. PMID: [11975364](#)

Article Published Date : Mar 01, 2002

Authors : A S H Ong, S H Goh

Study Type : Commentary

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Apolipoprotein Disorders : CK(48) : AC(9), Cardiovascular Diseases : CK(6898) : AC(872), Cholesterol: LDL/HDL ratio : CK(462) : AC(58), Dyslipidemias : CK(352) : AC(40), Triglycerides: Elevated : CK(491) : AC(69)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215)

Category : Pharmacological Actions

Anti-metastatic (AC 1) (CK 1)

These results demonstrate the anti-tumor effects of oil palm phenolics on pancreatic cancer cells.

Pubmed Data : Anticancer Res. 2015 Jan ;35(1):97-106. PMID: [25550539](#)

Article Published Date : Dec 31, 2014

Authors : Xiangming Ji, Anee Usman, Nurul H Razalli, Ravigadevi Sambanthamurthi, Smiti V Gupta

Study Type : In Vitro Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Pancreatic Cancer : CK(838) : AC(249), Pancreatic Cancer: Metastatic : CK(11) : AC(1)

Pharmacological Actions : Anti-metastatic : CK(568) : AC(374), Antiproliferative : CK(2321) : AC(1573), Apoptotic : CK(2781) : AC(1944), Cell cycle arrest : CK(670) : AC(358), NF-kappaB Inhibitor : CK(1041) : AC(652)

Additional Keywords : Dose Response : CK(782) : AC(281), Dose Response : CK(782) : AC(281)

Antioxidants (AC 2) (CK 4)

A tocotrienol rich fraction of palm oil protects against chemically-induced kidney damage.

Pubmed Data : Chem Biol Interact. 2010 Jul 30;186(2):228-38. Epub 2010 Apr 28. PMID: [20433818](#)

Article Published Date : Jul 30, 2010

Authors : Mohd Rashid Khan, Shabeena Siddiqui, Kehkashan Parveen, Saleem Javed, Sandhya Diwakar, Waseem A Siddiqui

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16), Tocotrienols : CK(23) : AC(16)

Diseases : Kidney Damage : CK(144) : AC(42), Oxidative Stress : CK(3677) : AC(1321)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004), Renoprotective : CK(222) : AC(106)

Tocotrienol rich fractions of palm oil and rice bran oil protect against kidney damage associated with high blood sugar in type 1 diabetes.

Pubmed Data : Chem Biol Interact. 2010 Dec 5;188(3):651-8. Epub 2010 Sep 28. PMID: [20816776](#)

Article Published Date : Dec 05, 2010

Authors : Shabeena Siddiqui, Mohd Rashid Khan, Waseem A Siddiqui

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16), Rice Bran : CK(29) : AC(14), Tocotrienols : CK(23) : AC(16)

Diseases : Diabetes Mellitus: Type 1: Prevention : CK(240) : AC(36), Oxidative Stress : CK(3677) : AC(1321)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004), Hypoglycemic Agents : CK(1190) : AC(268), Renoprotective : CK(222) : AC(106)

Antiproliferative (AC 1) (CK 1)

These results demonstrate the anti-tumor effects of oil palm phenolics on pancreatic cancer cells.

Pubmed Data : Anticancer Res. 2015 Jan ;35(1):97-106. PMID: [25550539](#)

Article Published Date : Dec 31, 2014

Authors : Xiangming Ji, Anee Usman, Nurul H Razalli, Ravigadevi Sambanthamurthi, Smiti V Gupta

Study Type : In Vitro Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Pancreatic Cancer : CK(838) : AC(249), Pancreatic Cancer: Metastatic : CK(11) : AC(1)

Pharmacological Actions : Anti-metastatic : CK(568) : AC(374), Antiproliferative : CK(2321) : AC(1573), Apoptotic : CK(2781) : AC(1944), Cell cycle arrest : CK(670) : AC(358), NF-kappaB Inhibitor : CK(1041) : AC(652)

Additional Keywords : Dose Response : CK(782) : AC(281), Dose Response : CK(782) : AC(281)

Apoptotic (AC 2) (CK 3)

Dietary red palm oil reduces ischaemia-reperfusion injury in rats fed a hypercholesterolaemic diet.

Pubmed Data : Br J Nutr. 2007 Apr;97(4):653-60. PMID: [17349077](#)

Article Published Date : Apr 01, 2007

Authors : Maritza J Kruger, Anna-Mart Engelbrecht, Johan Esterhuyse, Eugene F du Toit, Jacques van Rooyen

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Heart Disease: Ischemic : CK(94) : AC(16) , High Cholesterol : CK(2034) : AC(199) , Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Apoptotic : CK(2582) : AC(1717) , Cardioprotective : CK(1339) : AC(215)

These results demonstrate the anti-tumor effects of oil palm phenolics on pancreatic cancer cells.

Pubmed Data : Anticancer Res. 2015 Jan ;35(1):97-106. PMID: [25550539](#)

Article Published Date : Dec 31, 2014

Authors : Xiangming Ji, Anee Usman, Nurul H Razalli, Ravigadevi Sambanthamurthi, Smiti V Gupta

Study Type : In Vitro Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Pancreatic Cancer : CK(838) : AC(249) , Pancreatic Cancer: Metastatic : CK(11) : AC(1)

Pharmacological Actions : Anti-metastatic : CK(568) : AC(374) , Antiproliferative : CK(2321) : AC(1573) , Apoptotic : CK(2781) : AC(1944) , Cell cycle arrest : CK(670) : AC(358) , NF-kappaB Inhibitor : CK(1041) : AC(652)

Additional Keywords : Dose Response : CK(782) : AC(281) , Dose Response : CK(782) : AC(281)

Cardioprotective (AC 4) (CK 7)

Dietary red palm oil reduces ischaemia-reperfusion injury in rats fed a hypercholesterolaemic diet.

Pubmed Data : Br J Nutr. 2007 Apr;97(4):653-60. PMID: [17349077](#)

Article Published Date : Apr 01, 2007

Authors : Maritza J Kruger, Anna-Mart Engelbrecht, Johan Esterhuysen, Eugene F du Toit, Jacques van Rooyen

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Heart Disease: Ischemic : CK(94) : AC(16) , High Cholesterol : CK(2034) : AC(199) , Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Apoptotic : CK(2582) : AC(1717) , Cardioprotective : CK(1339) : AC(215)

Dietary red palm oil supplementation reduces myocardial infarct size in an isolated perfused rat heart model.

Pubmed Data : J Clin Endocrinol Metab. 2002 Mar;87(3):1010-4. PMID: [20565865](#)

Article Published Date : Mar 01, 2002

Authors : Dirk J Bester, Krisztina Kupai, Tamas Csont, Gergu Szucs, Csaba Csonka, Adriaan J Esterhuysen, Peter Ferdinandy, Jacques Van Rooyen

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Myocardial Infarction : CK(1071) : AC(155)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215) , Matrix metalloproteinase-2 (MMP-2) inhibitor : CK(213) : AC(88)

Palm Oil has cardioprotective effects.

Pubmed Data : BMC Pharmacol. 2004 Nov 9;4:29. PMID: [15535879](#)

Article Published Date : Nov 09, 2004

Authors : Deepak Narang, Subeena Sood, Mathew Kadali Thomas, Amit Kumar Dinda, Subir Kumar Maulik

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Cardiovascular Diseases : CK(6898) : AC(872) , Heart Disease: Ischemic : CK(94) : AC(16)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215)

Review: Palm oil has numerous beneficial health effects.

Pubmed Data : Food Nutr Bull. 2002 Mar;23(1):11-22. PMID: [11975364](#)

Article Published Date : Mar 01, 2002

Authors : A S H Ong, S H Goh

Study Type : Commentary

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Apolipoprotein Disorders : CK(48) : AC(9) , Cardiovascular Diseases : CK(6898) : AC(872) , Cholesterol: LDL/HDL ratio : CK(462) : AC(58) , Dyslipidemias : CK(352) : AC(40) , Triglycerides: Elevated : CK(491) : AC(69)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215)

Cardiotonic Agents (AC 2) (CK 4)

Dietary red palm oil improves functional recovery in heart muscle following ischemic trauma.

Pubmed Data : Lipids Health Dis. 2009;8:18. Epub 2009 May 29. PMID: [19480681](#)

Article Published Date : Jan 01, 2009

Authors : Anna-Mart Engelbrecht, Louise Odendaal, Eugene F Du Toit, Kristina Kupai, Tamás Csont, Peter Ferdinandy, Jacques van Rooyen

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Heart Disease: Ischemic : CK(155) : AC(20) , Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Cardiotonic Agents : CK(46) : AC(7)

Palm Oil has cardioprotective effects by augmenting cardiac antioxidant enzymes and protecting against ischemic heart damage in rats.

Pubmed Data : J Med Assoc Thai. 2008 Mar;91(3):400-7. PMID: [16259777](#)

Article Published Date : Mar 01, 2008

Authors : D Narang, S Sood, M Thomas, A K Dinda, S K Maulik

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Cardiovascular Diseases : CK(6898) : AC(872) , Heart Disease: Ischemic : CK(94) : AC(16) , Ischemia: Myocardial : CK(35) : AC(13)

Pharmacological Actions : Cardiotonic Agents : CK(46) : AC(7)

Cell cycle arrest (AC 1) (CK 1)

These results demonstrate the anti-tumor effects of oil palm phenolics on pancreatic cancer cells.

Pubmed Data : Anticancer Res. 2015 Jan ;35(1):97-106. PMID: [25550539](#)

Article Published Date : Dec 31, 2014

Authors : Xiangming Ji, Anee Usman, Nurul H Razalli, Ravigadevi Sambanthamurthi, Smiti V Gupta

Study Type : In Vitro Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Pancreatic Cancer : CK(838) : AC(249), Pancreatic Cancer: Metastatic : CK(11) : AC(1)

Pharmacological Actions : Anti-metastatic : CK(568) : AC(374), Antiproliferative : CK(2321) : AC(1573), Apoptotic : CK(2781) : AC(1944), Cell cycle arrest : CK(670) : AC(358), NF-kappaB Inhibitor : CK(1041) : AC(652)

Additional Keywords : Dose Response : CK(782) : AC(281), Dose Response : CK(782) : AC(281)

Chemopreventive (AC 1) (CK 2)

Red Palm oil suppresses aberrant crypt foci (precursor to colon cancer)

Pubmed Data : Food Chem Toxicol. 2006 Oct;44(10):1667-73. Epub 2006 May 17. PMID: [16822603](#)

Article Published Date : Oct 01, 2006

Authors : J Boateng, M Verghese, C B Chawan, L Shackelford, L T Walker, J Khatiwada, D S Williams

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(17)

Diseases : Colon Cancer : CK(725) : AC(412)

Pharmacological Actions : Chemopreventive : CK(2626) : AC(740)

Cyclooxygenase 2 Inhibitors (AC 2) (CK 4)

Dietary saturated fatty acids down-regulate cyclooxygenase-2 and tumor necrosis factor alfa and reverse fibrosis in alcohol-induced liver disease in the rat.

Pubmed Data : Hepatology. 1997 Dec;26(6):1538-45. PMID: [9397995](#)

Article Published Date : Dec 01, 1997

Authors : A A Nanji, D Zakim, A Rahemtulla, T Daly, L Miao, S Zhao, S Khwaja, S R Tahan, A J Dannenberg

Study Type : Animal Study

Additional Links

Substances : Medium Chain Triglycerides : CK(53) : AC(15), Palm Oil : CK(28) : AC(16), Saturated fatty acids : CK(175) : AC(5)

Diseases : Alcoholic Liver Disease : CK(126) : AC(48), Liver Fibrosis : CK(483) : AC(75)

Pharmacological Actions : Cyclooxygenase 2 Inhibitors : CK(395) : AC(174), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1655) : AC(604)

Additional Keywords : Beneficial Saturated Fats : CK(6) : AC(3), Disease Reversal : CK(55) : AC(16)

Saturated fatty acids, palm oil and medium chain triglycerides, reverse inflammatory and fibrotic changes in rat liver despite continued ethanol administration.

Pubmed Data : J Pharmacol Exp Ther. 2001 Nov;299(2):638-44. PMID: [11602676](#)

Article Published Date : Nov 01, 2001

Authors : A A Nanji, K Jokelainen, G L Tipoe, A Rahemtulla, A J Dannenberg

Study Type : Animal Study

Additional Links

Substances : Medium Chain Triglycerides : CK(53) : AC(15), Palm Oil : CK(28) : AC(16), Saturated fatty acids : CK(175) : AC(5)

Diseases : Alcoholic Liver Disease : CK(126) : AC(48)

Pharmacological Actions : Cyclooxygenase 2 Inhibitors : CK(395) : AC(174), NF-kappaB Inhibitor : CK(1041) : AC(652), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1556) : AC(567)

Additional Keywords : Beneficial Saturated Fats : CK(6) : AC(3)

Hypoglycemic Agents (AC 1) (CK 2)

Tocotrienol rich fractions of palm oil and rice bran oil protect against kidney damage associated with high blood sugar in type 1 diabetes.

Pubmed Data : Chem Biol Interact. 2010 Dec 5;188(3):651-8. Epub 2010 Sep 28. PMID: [20816776](#)

Article Published Date : Dec 05, 2010

Authors : Shabeena Siddiqui, Mohd Rashid Khan, Waseem A Siddiqui

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16) , Rice Bran : CK(29) : AC(14) , Tocotrienols : CK(23) : AC(16)

Diseases : Diabetes Mellitus: Type 1: Prevention : CK(240) : AC(36) , Oxidative Stress : CK(3677) : AC(1321)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004) , Hypoglycemic Agents : CK(1190) : AC(268) , Renoprotective : CK(222) : AC(106)

Matrix metalloproteinase-2 (MMP-2) inhibitor (AC 1) (CK 2)

Dietary red palm oil supplementation reduces myocardial infarct size in an isolated perfused rat heart model.

Pubmed Data : J Clin Endocrinol Metab. 2002 Mar;87(3):1010-4. PMID: [20565865](#)

Article Published Date : Mar 01, 2002

Authors : Dirk J Bester, Krisztina Kupai, Tamas Csont, Gergu Szucs, Csaba Csonka, Adriaan J Esterhuyse, Peter Ferdinandy, Jacques Van Rooyen

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16)

Diseases : Myocardial Infarction : CK(1071) : AC(155)

Pharmacological Actions : Cardioprotective : CK(1339) : AC(215) , Matrix metalloproteinase-2 (MMP-2) inhibitor : CK(213) : AC(88)

NF-kappaB Inhibitor (AC 2) (CK 3)

Saturated fatty acids, palm oil and medium chain triglycerides, reverse inflammatory and fibrotic changes in rat liver despite continued ethanol administration.

Pubmed Data : J Pharmacol Exp Ther. 2001 Nov;299(2):638-44. PMID: [11602676](#)

Article Published Date : Nov 01, 2001

Authors : A A Nanji, K Jokelainen, G L Tipoe, A Rahemtulla, A J Dannenberg

Study Type : Animal Study

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Substances : Medium Chain Triglycerides : CK(53) : AC(15), Palm Oil : CK(28) : AC(16), Saturated fatty acids : CK(175) : AC(5)

Diseases : Alcoholic Liver Disease : CK(126) : AC(48)

Pharmacological Actions : Cyclooxygenase 2 Inhibitors : CK(395) : AC(174), NF-kappaB Inhibitor : CK(1041) : AC(652), Tumor Necrosis Factor (TNF) Alpha Inhibitor : CK(1556) : AC(567)

Additional Keywords : Beneficial Saturated Fats : CK(6) : AC(3)

These results demonstrate the anti-tumor effects of oil palm phenolics on pancreatic cancer cells.

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Authors : Xiangming Ji, Anee Usman, Nurul H Razalli, Ravigadevi Sambanthamurthi, Smiti V Gupta

Study Type : In Vitro Study

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Substances : Palm Oil : CK(28) : AC(16)

Diseases : Pancreatic Cancer : CK(838) : AC(249), Pancreatic Cancer: Metastatic : CK(11) : AC(1)

Pharmacological Actions : Anti-metastatic : CK(568) : AC(374), Antiproliferative : CK(2321) : AC(1573), Apoptotic : CK(2781) : AC(1944), Cell cycle arrest : CK(670) : AC(358), NF-kappaB Inhibitor : CK(1041) : AC(652)

Additional Keywords : Dose Response : CK(782) : AC(281), Dose Response : CK(782) : AC(281)

Renoprotective (AC 2) (CK 4)

A tocotrienol rich fraction of palm oil protects against chemically-induced kidney damage.

Pubmed Data : Chem Biol Interact. 2010 Jul 30;186(2):228-38. Epub 2010 Apr 28. PMID: [20433818](#)

Article Published Date : Jul 30, 2010

Authors : Mohd Rashid Khan, Shabeena Siddiqui, Kehkashan Parveen, Saleem Javed, Sandhya Diwakar, Waseem A Siddiqui

Study Type : Animal Study

Additional Links

Substances : Palm Oil : CK(28) : AC(16) , Tocotrienols : CK(23) : AC(16)

Diseases : Kidney Damage : CK(144) : AC(42) , Oxidative Stress : CK(3677) : AC(1321)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004) , Renoprotective : CK(222) : AC(106)

Tocotrienol rich fractions of palm oil and rice bran oil protect against kidney damage associated with high blood sugar in type 1 diabetes.

Pubmed Data : Chem Biol Interact. 2010 Dec 5;188(3):651-8. Epub 2010 Sep 28. PMID: [20816776](#)

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Additional Links

Substances : Palm Oil : CK(28) : AC(16) , Rice Bran : CK(29) : AC(14) , Tocotrienols : CK(23) : AC(16)

Diseases : Diabetes Mellitus: Type 1: Prevention : CK(240) : AC(36) , Oxidative Stress : CK(3677) : AC(1321)

Pharmacological Actions : Antioxidants : CK(6711) : AC(2004) , Hypoglycemic Agents : CK(1190) : AC(268) , Renoprotective : CK(222) : AC(106)

Tumor Necrosis Factor (TNF) Alpha Inhibitor (AC 2) (CK 4)

Dietary saturated fatty acids down-regulate cyclooxygenase-2 and tumor necrosis factor alfa and reverse fibrosis in alcohol-induced liver disease in the rat.

Pubmed Data : Hepatology. 1997 Dec;26(6):1538-45. PMID: [9397995](#)

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Authors : A A Nanji, D Zakim, A Rahemtulla, T Daly, L Miao, S Zhao, S Khwaja, S R Tahan, A J Dannenberg

Study Type : Animal Study

Additional Links

Substances : [Medium Chain Triglycerides : CK\(53\) : AC\(15\)](#) , [Palm Oil : CK\(28\) : AC\(16\)](#) , [Saturated fatty acids : CK\(175\) : AC\(5\)](#)

Diseases : [Alcoholic Liver Disease : CK\(126\) : AC\(48\)](#) , [Liver Fibrosis : CK\(483\) : AC\(75\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(395\) : AC\(174\)](#) , [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1655\) : AC\(604\)](#)

Additional Keywords : [Beneficial Saturated Fats : CK\(6\) : AC\(3\)](#) , [Disease Reversal : CK\(55\) : AC\(16\)](#)

Saturated fatty acids, palm oil and medium chain triglycerides, reverse inflammatory and fibrotic changes in rat liver despite continued ethanol administration.

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Article Published Date : Nov 01, 2001

Authors : A A Nanji, K Jokelainen, G L Tipoe, A Rahemtulla, A J Dannenberg

Study Type : Animal Study

Additional Links

Substances : [Medium Chain Triglycerides : CK\(53\) : AC\(15\)](#) , [Palm Oil : CK\(28\) : AC\(16\)](#) , [Saturated fatty acids : CK\(175\) : AC\(5\)](#)

Diseases : [Alcoholic Liver Disease : CK\(126\) : AC\(48\)](#)

Pharmacological Actions : [Cyclooxygenase 2 Inhibitors : CK\(395\) : AC\(174\)](#) , [NF-kappaB Inhibitor : CK\(1041\) : AC\(652\)](#) , [Tumor Necrosis Factor \(TNF\) Alpha Inhibitor : CK\(1556\) : AC\(567\)](#)

Additional Keywords : [Beneficial Saturated Fats : CK\(6\) : AC\(3\)](#)

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