

Title (en)
OXYGENATED DIBENZO-ALPHA-PYRONE CHROMOPROTEINS

Title (de)
MIT SAUERSTOFF ANGEREICHETERTE DIBENZO-ALPHA-PYRON-CHROMOPROTEINE

Title (fr)
CHROMOPROTEINES DIBENZO-ALPHA-PYRONE OXYGENEES

Publication
EP 1750739 A4 20100505 (EN)

Application
EP 05779897 A 20050314

Priority
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• US 82427104 A 20040414
• US 79910404 A 20040430

Abstract (en)
[origin: WO2005099739A1] A composition of oxygenated dibenzo-alpha-pyrone chromoproteins (DCP) and their isolation from shilajit, fossils of ammonites, corals and other invertebrates. More particularly, to the description of DCP-composition comprising oxygenated dibenzo-alpha-pyrone or its conjugates, phosphocreatine, proteins, fatty acyl esters of glycerol and other small ligands, e.g., carotenoids, sterols and aromatic acids, as core structural fragments, and their biological functions. Pharmaceutical, nutritional, skin care and personal care formulations are also described. These findings establish DCPs as the major bioactives of shilajit.

IPC 8 full level
A61K 38/00 (2006.01); **A61K 8/00** (2006.01); **A61K 8/49** (2006.01); **A61K 8/64** (2006.01); **A61K 38/16** (2006.01); **A61Q 19/00** (2006.01); **A61Q 5/00** (2006.01); **A61Q 17/04** (2006.01); **A61Q 19/02** (2006.01)

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A61K 8/498 (2013.01); **A61K 8/64** (2013.01); **A61K 38/16** (2013.01); **A61P 3/02** (2017.12); **A61P 25/18** (2017.12); **A61P 25/28** (2017.12); **A61P 37/02** (2017.12); **A61Q 19/00** (2013.01); **A61Q 5/00** (2013.01); **A61Q 17/04** (2013.01); **A61Q 19/02** (2013.01)

Citation (search report)
• [E] WO 2006078424 A2 20060727 - NATREON INC [US]
• [I] GHOSAL S.: "Shilajit : its origin and significance", INDIAN JOURNAL OF INDIGENOUS MEDICINES, SUSHIEL KUMAR AGRAWAL, SAHARANPUR, IN, vol. 9, no. 1&2, 1992, pages 1 - 3, XP009131178, ISSN: 0971-5452
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• [I] GHOSAL S ET AL.: "The core structure of Shilajit Humus", SOIL BIOLOGY AND BIOCHEMISTRY, vol. 23, no. 7, 1991, GB, pages 673 - 680, XP023673371, ISSN: 0038-0717, DOI: 10.1016/0038-0717(91)90082-U
• See references of WO 2005099739A1

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Designated contracting state (EPC)
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Designated extension state (EPC)
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