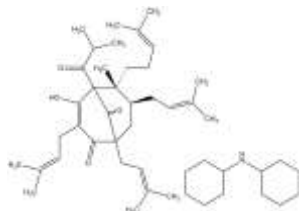


**Hyperforin.DCHA, *Hypericum perforatum***

**ALTERNATE NAME:** 5-hydroxy-6R-methyl-1R,3,7S-tris(3-methyl-2-butenyl)-5S-(2-methyl-1-oxopropyl)-6R-(4-methyl-3-pentenyl)-bicyclo[3.3.1]non- 3-ene-2,9-dione. DHCA

**CATALOG #:** 2153-500, 1000 500 µg, 1 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>35</sub>H<sub>52</sub>O<sub>4</sub>.C<sub>12</sub>H<sub>23</sub>N

**MOLECULAR WEIGHT:** 718.10

**CAS NUMBER:** 238074-03-8

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO or EtOH

**PURITY:** ≥97% by HPLC

**STORAGE:** Store at -20°C. Protect from air and light

**DESCRIPTION:** Displays a variety of biological activities including anti-bacterial, anti-inflammatory, anticancer and anti-angiogenic effects. Also acts as an antidepressant and anxiolytic agent. Regulates expression of the cytochrome P450 CYP3A4 and CYP2C9 and hepatic drugs metabolism. Inhibits the re-uptake of neurotransmitters in synapses (serotonin, norepinephrine, dopamine, GABA, glutamate). Also acts as a potent SIRT1 and SIRT2 inhibitor.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Apicidin (**Cat. No. 1601-1**)  
Cambinol (**Cat. No. 1653-10**)  
CI-994 (**Cat. No. 1742-10, 50**)  
CUDC-101 (**Cat. No. 1966-5, 25**)  
DiscoveryPak™ HDAC Inhibitor Set (**Cat. No. K851-6**)  
M344 (**Cat. No. 1701-1**)  
MS-275 (Entinostat, MS-275) (**Cat. No. 1590-1,5**)  
Panobinostat (LBH589) (**Cat. No. 1612-1,5**)  
SAHA (**Cat. No. 1604-1**)  
Salemide (**Cat. No. 1873-5, 25**)  
SIRT1 Inhibitor, EX-527 (**Cat. No. 1652-10**)  
SIRT2 Inhibitor, AGK2 (**Cat. No. 1651-10**)  
SIRT2 Inhibitor, AK-7 (**Cat. No. 1857-5, 25**)  
SIRT2 Inhibitor, B2 (**Cat. No. 2085-5**)  
Sirtinol (**Cat. No. 2062-1, 5**)  
Sodium 4-phenylbutyrate (**Cat. No. 1608-100,1000**)  
Sodium Butyrate (**Cat. No. 1609-1000**)  
Splitomycin (**Cat. No. 1610-5**)  
Suramin Hexasodium Salt (**Cat. No. 1874-50, 250**)  
Trichostatin A (**Cat. No. 1606-1**)  
Tubastatin A (**Cat. No. 1724-1, 5**)  
Valproic Acid, Sodium Salt (**Cat. No. 1647-200**)

**FOR RESEARCH USE ONLY! Not to be used in humans.**