**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:**

![Structure Image]

**Molecular Formula:** C_{35}H_{52}O_{4}

**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 antibacterial, 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)
- Salermide (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.**