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DATASHEET

Hyperforin dicyclohexylammonium

Product overview

Name Hyperforin dicyclohexylammonium

Cat No HB3933

Alternative names Hyp-DCHA, Hyperforin-DCHA

Purity >97%

Description Selective TRPC6 channel activator and neurotransmitter re-uptake inhibitor

Biological Data

Biological description Selective TRPC6 channel activator which inhibits neurotransmitter re-uptake inhibitor (GABA,

glutamate, glycine, serotonin, norepinephrine, dopamine).

Also modulates acetylcholine release and antagonizes NMDA, AMPA and GABA receptors.

Additionally acts as a pregnane X receptor (PXR) activator to induce cytochrome P45 eynzmes CYP3A4 and CYP2C9 and also a potent SIRT1 (sirtuin 1) and SIRT2 (sirtuin 2) inhibitor.

Shows a variety of biological actions including antibacterial, anti-depressant and anxiolytic effects.

Solubility & Handling

Storage instructions Solubility overview

Important

+4°C

718.1

Soluble in DMSO, ethanol, methanol

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Chemical name (1R,5R,6R,7S)-2-Hydroxy-6-methyl-1,3,7-tris(3-methylbut-2-enyl)-6-(4-methylpent-3-enyl)-5-(2-methyl

propanoyl)bicyclo[3.3.1]non-2-ene-4,9-dione.DCHA

Molecular Weight Chemical structure

H₁C OH₃ OH₅ OH₅

Molecular Formula CAS Number InChiKey Appearance $C_{35}H_{51}O_4.C_{12}H_{24}N$ 238074-03-8

ZUYCAROZOLUHJY-DNSWOBEMSA-N

White to off-white solid