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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

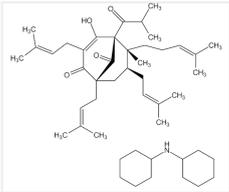
Biological Data

Biological description	<p>Selective TRPC6 channel activator which inhibits neurotransmitter re-uptake inhibitor (GABA, glutamate, glycine, serotonin, norepinephrine, dopamine).</p> <p>Also modulates acetylcholine release and antagonizes NMDA, AMPA and GABA receptors.</p> <p>Additionally acts as a pregnane X receptor (PXR) activator to induce cytochrome P450 enzymes CYP3A4 and CYP2C9 and also a potent SIRT1 (sirtuin 1) and SIRT2 (sirtuin 2) inhibitor.</p> <p>Shows a variety of biological actions including antibacterial, anti-depressant and anxiolytic effects.</p>
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in DMSO, ethanol, methanol
Important	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-methylpropanoyl)bicyclo[3.3.1]non-2-ene-4,9-dione.DCHA
Molecular Weight	718.1
Chemical structure	
Molecular Formula	C ₃₅ H ₅₁ O ₄ .C ₁₂ H ₂₄ N
CAS Number	238074-03-8
InChiKey	ZUYCAROZOLUHJY-DNSWOBEMSA-N
Appearance	White to off-white solid