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## DATASHEET

### Hyperforin dicyclohexylammonium

#### Product overview

<b>Name</b>	Hyperforin dicyclohexylammonium
<b>Cat No</b>	HB3933
<b>Alternative names</b>	Hyp-DCHA, Hyperforin-DCHA
<b>Purity</b>	>97%
<b>Description</b>	Selective TRPC6 channel activator and neurotransmitter re-uptake inhibitor

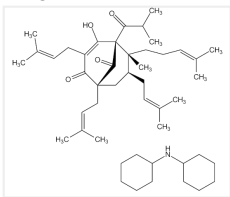
#### Biological Data

<b>Biological description</b>	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 P450 enzymes 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.
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#### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Solubility overview</b>	Soluble in DMSO, ethanol, methanol
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

#### Chemical Data

<b>Chemical name</b>	(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
<b>Molecular Weight</b>	718.1
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>35</sub> H <sub>51</sub> O <sub>4</sub> ·C <sub>12</sub> H <sub>24</sub> N
<b>CAS Number</b>	238074-03-8
<b>InChiKey</b>	ZUYCAROZOLUHJY-DNSWOBEMSA-N
<b>Appearance</b>	White to off-white solid