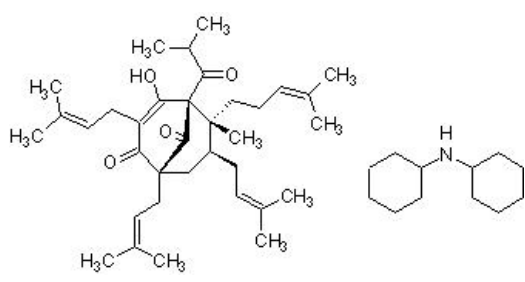


Product datasheet

Hyperforin dicyclohexylammonium salt, active constituent of St. John's wort ab144276

Overview

<b>Product name</b>	Hyperforin dicyclohexylammonium salt, active constituent of St. John's wort
<b>Description</b>	Key constituent of St. John's wort
<b>Biological description</b>	Key constituent of St. John's wort. Various pharmacological effects. Antibacterial, antimalarial, anti-inflammatory, anticancer, antiangiogenic and antidepressant effects. Potential anti-Alzheimer compound. Active <i>in vitro</i> and <i>in vivo</i> .
<b>Purity</b>	> 97%
<b>CAS Number</b>	11079-53-1
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	(1 <i>R</i> ,5 <i>R</i> ,6 <i>R</i> ,7 <i>S</i> )-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 dicyclohexylamine salt
<b>Molecular weight</b>	718.10
<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>PubChem identifier</b>	46926346
<b>Storage instructions</b>	Store at -20°C. Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
<b>Solubility overview</b>	Soluble in ethanol and in DMSO to 10 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions</a>

(FAQ) page for more details.

**SMILES**

CC(C)C(=O)[C@]12C(=O)C(=C([C@](C1=O)(C[C@@H]([C@@]2(C)CCC=C(C)C)CC=C(C)C)CC=C(C)C)O)CC=C(C)C.C1CCC(CC1)NC2CCCCC2

**Source**

*Hypericum perforatum*

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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