Overview

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

Description
Key constituent of St. John's wort

Biological description

Purity
> 97%

CAS Number
11079-53-1

Chemical structure

Properties

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 dicyclohexylamine salt

Molecular weight
718.10

Molecular formula
C_{35}H_{51}O_{4}C_{12}H_{24}N

PubChem identifier
46926346

Storage instructions
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.

Solubility overview
Soluble in ethanol and in DMSO to 10 mM

Handling
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 frequently asked questions
(FAQ) page for more details.

**SMILES**
CC(C)C(=O)[C@@]12C(=O)C(=C([C@@](C1=O)[C@@H]
([C@@]2(C)CCC=C(C)C)CC=C(C)C)CC=C(C)C)O)CC=C(C)C.C1CCC(CC1)NC2CCCC2

**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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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team