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Produktinformation



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Diagnostik & molekulare Diagnostik



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Castanospermine

Glycosidase inhibitor
Catalog No. SIH-529



Discovery through partnership | Excellence through quality

Overview

Product Name

Castanospermine

Description

Glycosidase inhibitor

Purity

>99% (TLC), NMR conforms

CAS No.

79831-76-8

Molecular Formula

C₈H₁₅NO₄

Molecular Weight

189.2

Properties

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in water (25 mg/ml)

Source

Synthetic

Appearance

Off white powder

SMILES

C1CN2C[C@@H]([C@H]([C@@H]([C@H]2[C@H]1O)O)O)O

InChI

InChI=1S/C8H15NO4/c10-4-1-2-9-3-5(11)7(12)8(13)6(4)9/h4-8,10-13H,1-3H2/t4-,5-,6+,7+,8+/m0/s2, InChI=1S/C8H15NO4/c10-4-1-2-9-3-5(11)7(12)8(13)6(4)9/h4-8,10-13H,1-3H2/t4-,5-,6+,7+,8+/m0/s3

InChIKey

Safety Phrases

Classification

Not WHMIS controlled.

Hazard statement(s):

H302 + H312 Harmful if swallowed or in contact with skin

H332 Harmful if inhaled.

Precautionary statement(s):

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P322 Specific measures (see supplemental first aid instructions on this label).

P330 Rinse mouth.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/ container to an approved waste disposal plant.

Cite This Product

Castanospermine (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-529)

Biological Description

Alternative Names

6,7-Diepicastanospermine, 6-Epicastanospermine, 1,6,7,8-Tetrahydroxyoctahydroindolizine, NSC 625381, (1S,6S,7R,8R,8aR)-1,6,7,8-Tetrahydroxyoctahydroindolizidine, (1S,6S,7R,8R,8aR)-Octahydro-1,6,7,8-indolizinetetrol

Research Areas

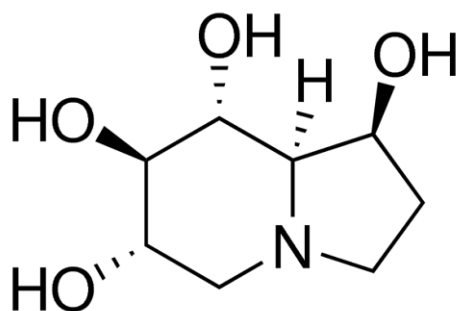
Cell Signaling

PubChem ID

54445

Product Images

Chemical structure of Castanospermine (SIH-529), a Glycosidase inhibitor. CAS #: 79831-76-8. Molecular Formula: C₈H₁₅NO₄. Molecular Weight: 189.2 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.