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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Veratridine

Na channel activator
Catalog No. SIH-300



Discovery through partnership | Excellence through quality

Overview

Product Name

Veratridine

Description

Na channel activator

Purity

>98%

CAS No.

71-62-5

Molecular Formula

C₁₁H₁₁NO₁₁

Molecular Weight

673.79

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Activator

Solubility

Soluble in DMSO (25 mg/ml) or 100% ethanol (25 mg/ml)

Source

Synthetic

Appearance

White solid

SMILES

C[C@H]1CC[C@H]2[C@@]([C@]3([C@H](C[C@]4([C@@H]5CC[C@H]6[C@]7([C@]5(C[C@]4([C@@H]3CN2C1)O)O[C@@]6([C@H](CC7)OC(=O)C8=CC(=C(C=C8)OC)OC)O)O)O)(C)O

InChI

InChI=1S/C36H51NO11/c1-19-6-11-26-31(3,40)35(43)25(17-37(26)16-19)33(42)18-34-24(32(33,41)15-27(35)38)10-9-23-30(34,2)13-12-28(36(23,44)48-34)47-29

InChIKey

FVECELJHCSPHKY-UIHGVQCZSA-N

Safety Phrases

Classification: Caution: Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Hazard Phrases:

H302-H315-H317-H318-H335

Precautionary Phrases: P261-P280-P305 + P351 + P338

Cite This Product

Veratridine (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-300)

Biological Description

Alternative Names

(3?,4?,16?)-4,12,14,16,17,20-Hexahydroxy-4,9-epoxycevan-3-yl 3,4-dimethoxybenzoate

Research Areas

Ion Channels, Neuroscience, Sodium Channels

PubChem ID

6280

Scientific Background

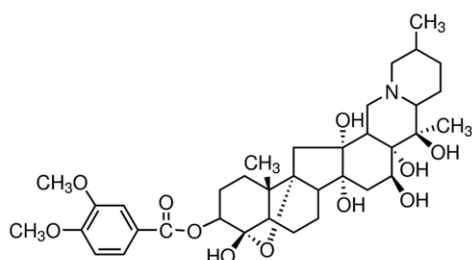
Veratridine is a steroid-derived alkaloid that functions as a neurotoxin by activating sodium channels. It binds to intramembrane receptor site 2 thereby increasing intracellular Ca²⁺ concentration.

References

1. Sperelakis N., Pappano A.J. (1969) J Gen Physiol. 53(1): 97-114.

Product Images

Chemical structure of Veratridine (SIH-300), a Na channel opener. CAS #: 71-62-5. Molecular Formula: C₃₆H₅₁NO₁₁. Molecular Weight: 673.79 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.