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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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D-AP5.Na

NMDA receptor antagonist
Catalog No. SIH-412



Discovery through partnership | Excellence through quality

Overview

Product Name

D-AP5.Na

Description

NMDA receptor antagonist

Purity

>99.5

CAS No.

14375-45-2

Molecular Formula

CH₁₁NOIP.Na

Molecular Weight

219.11

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Antagonist

Solubility

Soluble in 1 M NH₄OH (50 mg/ml); water (9 mg/ml).

Source

Synthetic

Appearance

White solid

SMILES

[C@@H]([NH3+])(CCC[P]([O-])([O-])=O)C([O-])=O

Safety Phrases

Classification: Not WHMIS controlled.

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.

Cite This Product

D-AP5.Na (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-412)

Biological Description

Alternative Names

D-amino-5-phosphonopentanoic acid sodium salt

Research Areas

Glutamate Receptors, Ion Channels, Neuroscience, Neurotransmitter Receptors, NMDA Receptors

Scientific Background

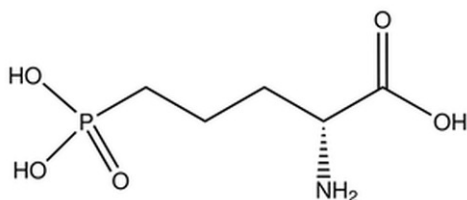
DAP5 is used widely as a potent and selective NMDA receptor antagonist. It represents the active enantiomer form of AP5 (2-amino-5-phosphonopentanoic acid).

References

1. Davies J., & Watkins J. (1982) Brain Res. 378-86.
 2. Schulte M., Roon R., Chalmers D., Sunter D., & Koerner J. (1994) Brain Res. 203-7.
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Product Images

Chemical structure of D-AP5.Na (SIH-412), a Glutamate-NMDA receptor antagonist. CAS #: 14375-45-2. Molecular Formula: C₅H₁₂NO₅P.Na. Molecular Weight: 219.11 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.