Product datasheet

Dextromethorphan hydrobromide, NMDA receptor antagonist ab141028

Overview

Product name
Dextromethorphan hydrobromide, NMDA receptor antagonist

Description
Non-competitive, low affinity NMDA receptor antagonist

Biological description
Non-competitive, low affinity NMDA receptor antagonist. Displays antitussive and neuroprotective effects. Active in vivo.

Also available in simple stock solutions (ab146729) - add 1 ml of water to get an exact, ready-to-use concentration.

Purity
> 99%

CAS Number
125-69-9

Chemical structure

![Chemical structure image]

Properties

Chemical name
(9α,13α,14α)-3-Methoxy-17-methylmorphinan hydrobromide

Molecular weight
352.31

Molecular formula
C\text{18}H\text{25}NO.HBr

PubChem identifier
5462351

Storage instructions
Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview
Soluble in water to 50 mM and in ethanol to 100 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.

Refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

**SMILES**

Br.C Oc3ccc4[C@@H]1N(C)[C@](C)CC[C@](CCC[C@@H]12)c4c3

**Source**

Synthetic

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2D chemical structure image of ab141028, Dextromethorphan hydrobromide, NMDA receptor antagonist

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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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- We provide support in Chinese, English, French, German, Japanese and Spanish
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identify how to use these products effectively. If you require further assistance please contact the scientific support team