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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Ambroxol HCl

Free radical scavenger
Catalog No. SIH-153



Discovery through partnership | Excellence through quality

Overview

Product Name

Ambroxol HCl

Description

Free radical scavenger

Purity

>98%

CAS No.

23828-92-4

Molecular Formula

C₁₁H₁₁Br₂N₂O₂

Molecular Weight

414.57

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Antioxidant

Solubility

Soluble to 50 mM in DMSO

Source

Synthetic

Appearance

White Solid

SMILES

C1CC(CCC1NCC2=C(C(=CC(=C2)Br)Br)N)O

InChI

InChI=1S/C13H18Br2N2O/c14-9-5-8(13(16)12(15)6-9)7-17-10-1-3-11(18)4-2-10/h5-6,10-11,17-18H,1-4,7,16H2

InChIKey

JBDGDEWWOUBZPM-UHFFFAOYSA-N

Safety Phrases

Classification: Harmful. May be harmful if inhaled, swallowed or absorbed through skin.

Safety Phrases:

S22 - Do not breathe dust

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

S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Hazard Phrases:

H302

Cite This Product

Ambroxol HCl (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-153)

Biological Description

Alternative Names

4-[(2-Amino-3,5-dibromobenzyl)amino]cyclohexanol

Research Areas

Cancer, Oxidative Stress

PubChem ID

2132

Scientific Background

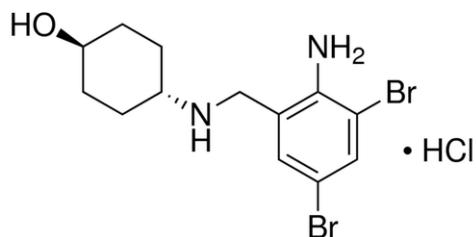
Ambroxol is a very potent inhibitor of the neuronal sodium channels (1). It is also a mucolytic agent with antioxidant, anti-viral and anti-inflammatory properties, and has been used effectively with respiratory diseases, and as throat lozenges (2).

References

1. Weiser T. (2006) Neurosci Lett. 395: 179-184.
2. Sanderson R.J., et al. (1976) Respir Phys. 27: 379-392.

Product Images

Chemical structure of Ambroxol HCl (SIH-153), a Free radical scavenger. CAS #: 23828-92-4. Molecular Formula: C₁₃H₁₈Br₂N₂O * HCl. Molecular Weight: 414.57 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.