PRODUCT: Ambroxol hydrochloride

ALTERNATE NAME: trans-4-[[2-Amino-3,5-dibromophenyl]methyl]amino)cyclohexanol hydrochloride

CATALOG #: 9688-100, 500

AMOUNT: 100 mg, 500 mg

STRUCTURE: 

MOLECULAR FORMULA: C_{13}H_{18}BrN_{2}O.HCl

MOLECULAR WEIGHT: 414.57

CAS NUMBER: 23828-92-4

APPEARANCE: White solid

SOLUBILITY: DMSO (~20 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and moisture

DESCRIPTION: Ambroxol is a sodium channel blocker and mucolytic agent with antioxidant, anti-viral and anti-inflammatory properties. Inhibits tetrodotoxin (TTX)-resistant channels more potently than TTX-sensitive subtypes (IC_{50} values for tonic block are 35.2 and 111.5 μM respectively). More recently, it has been shown that Ambroxol induces a modest level neuron regrowth in mice with optic nerve lesions.


RELATED PRODUCTS:
Aconitine (2423)
Veratridine (2422)

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in humans