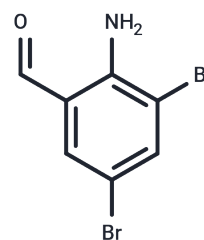


Bromhexine Impurity B

Chemical Properties

CAS No. :	50910-55-9
Formula:	C ₇ H ₅ Br ₂ NO
Molecular Weight:	278.93
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Bromhexine Impurity B reagent used in the preparation of Ambroxol and Bromhexine (B678600) metabolites Ambroxol EP Impurity E.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (179.26 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5851 mL	17.9256 mL	35.8513 mL
5 mM	0.717 mL	3.5851 mL	7.1703 mL
10 mM	0.3585 mL	1.7926 mL	3.5851 mL
50 mM	0.0717 mL	0.3585 mL	0.717 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Mohammadi K, et al. Spectrochim Acta A Mol Biomol Spectrosc. 2015 Jul 5;146:221-7.

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