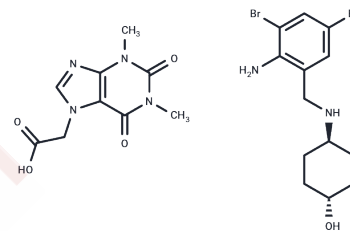


Ambroxol/acefylline

Chemical Properties

CAS No. :	96989-76-3
Formula:	C22H28Br2N6O5
Molecular Weight:	616.3
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	Ambroxol/acefylline, an active metabolite of the proagent Bromhexine, has potent expectorant effects and functions as a glucocerebrosidase (GCase) chaperone, increasing GCase activity. It induces lung autophagy and has potential applications in Parkinson's disease and neuronopathic Gaucher disease research [1][2].
Targets(IC50)	Autophagy, Glucosidase, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6226 mL	8.1129 mL	16.2259 mL
5 mM	0.3245 mL	1.6226 mL	3.2452 mL
10 mM	0.1623 mL	0.8113 mL	1.6226 mL
50 mM	0.0325 mL	0.1623 mL	0.3245 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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