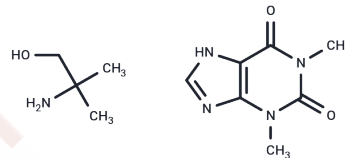


Ambuphylline

Chemical Properties

CAS No. :	5634-34-4
Formula:	C ₁₁ H ₁₉ N ₅ O ₃
Molecular Weight:	269.305
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	Ambuphylline (Bufylline) is a theophylline derivative that may act by inhibiting phosphodiesterase. Ambuphylline is a bronchodilator that can be used in asthma and other lung disease research [1].
Targets(IC50)	Others,PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7132 mL	18.566 mL	37.1319 mL
5 mM	0.7426 mL	3.7132 mL	7.4264 mL
10 mM	0.3713 mL	1.8566 mL	3.7132 mL
50 mM	0.0743 mL	0.3713 mL	0.7426 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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