

Guaietolin

Chemical Properties

CAS No. :	63834-83-3
Formula:	C11H16O4
Molecular Weight:	212.25
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Guaietolin is an organic synthesis intermediate used as a biomarker for hypertension, where its levels are significantly reduced in plasma metabolites. This compound is utilized in the synthesis of sulfonamide esters with carbonic anhydrase inhibitory activity. Additionally, Guaietolin is applicable in the research of glaucoma and hypertension.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7114 mL	23.5571 mL	47.1143 mL
5 mM	0.9423 mL	4.7114 mL	9.4229 mL
10 mM	0.4711 mL	2.3557 mL	4.7114 mL
50 mM	0.0942 mL	0.4711 mL	0.9423 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.

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