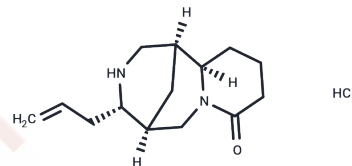


Angustifoline hydrochloride

Chemical Properties

CAS No. : 133398-34-2
 Formula: C₁₄H₂₃ClN₂O
 Molecular Weight: 270.8
 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	Angustifoline hydrochloride, an alkaloid derived from <i>Lupinus angustifolius</i> L. extract, demonstrates antimicrobial efficacy, potentially exhibiting bacteriostatic effects against <i>S. aureus</i> , <i>B. subtilis</i> , <i>E. coli</i> , <i>P. aeruginosa</i> , and <i>B. thuringiensis</i> [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6928 mL	18.4638 mL	36.9276 mL
5 mM	0.7386 mL	3.6928 mL	7.3855 mL
10 mM	0.3693 mL	1.8464 mL	3.6928 mL
50 mM	0.0739 mL	0.3693 mL	0.7386 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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