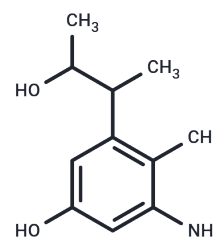


Halociline

Chemical Properties

CAS No. :	2977255-36-8
Formula:	C ₁₁ H ₁₇ NO ₂
Molecular Weight:	195.26
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	Halociline, a derivative of alkaloids that can be isolated from the marine fungus <i>Penicillium griseofulvum</i> , targets MAPK1, MMP-9, and PIK3CA in gastric cancer cells. This action is potentially mediated by diverse pathways, including cancer, lipid metabolism, atherosclerosis, and EGFR tyrosine kinase inhibitor resistance. Halociline possesses antimicrobial, antioxidant, and biofilm inhibitory activities [1] [2].
Targets(IC50)	MMP,p38 MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1214 mL	25.6069 mL	51.2138 mL
5 mM	1.0243 mL	5.1214 mL	10.2428 mL
10 mM	0.5121 mL	2.5607 mL	5.1214 mL
50 mM	0.1024 mL	0.5121 mL	1.0243 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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