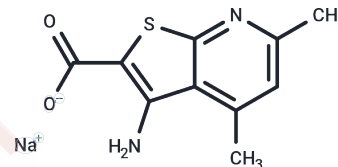


AGS1286 sodium

Chemical Properties

CAS No. :	144254-93-3
Formula:	C10H9N2NaO2S
Molecular Weight:	244.245
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	AGS1286 sodium is an organosulfur compound. It has been used as a model compound to study the effects of sulfur-containing compounds on enzymatic activities and metabolic pathways. It has also been used to study the effects of sulfur-containing compounds on the regulation of bacterial growth and gene expression.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	DMSO: 55 mg/mL (225.18 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0942 mL	20.4708 mL	40.9417 mL
5 mM	0.8188 mL	4.0942 mL	8.1883 mL
10 mM	0.4094 mL	2.0471 mL	4.0942 mL
50 mM	0.0819 mL	0.4094 mL	0.8188 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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