Data Sheet (Cat.No.T25896)

TargetMol
YOUR TARGET MOLECULES

Octicidine

Chemical Properties

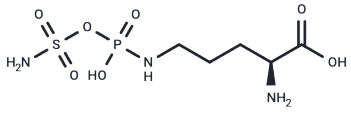
CAS No. : 65370-68-5

Formula: C5H14N3O7PS

Molecular Weight: 291.22

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Octicidine is derived from phaseolotoxin by the removal of C-terminal dipeptide. It is a transition state analog that irreversibly suppresses ornithine carbamoyltransferase.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4338 mL	17.1692 mL	34.3383 mL
5 mM	0.6868 mL	3.4338 mL	6.8677 mL
10 mM	0.3434 mL	1.7169 mL	3.4338 mL
50 mM	0.0687 mL	0.3434 mL	0.6868 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.

Reference

Hatziloukas E, Panopoulos NJ. Origin, structure, and regulation of argK, encoding the phaseolotoxin-resistant ornithine carbamoyltransferase in Pseudomonas syringae pv. phaseolicola, and functional expression of argK in

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