

Demethylphosphinothricin

Chemical Properties

CAS No. :	90183-59-8
Formula:	C ₄ H ₇ O ₅ P
Molecular Weight:	166.07
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	Demethylphosphinothricin (Deamino-alpha-keto-demethylphosphinothricin) is a nucleoside metabolite.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0216 mL	30.1078 mL	60.2156 mL
5 mM	1.2043 mL	6.0216 mL	12.0431 mL
10 mM	0.6022 mL	3.0108 mL	6.0216 mL
50 mM	0.1204 mL	0.6022 mL	1.2043 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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