

Deoxyfunicone

Chemical Properties

CAS No. :	137461-36-0
Formula:	C ₁₉ H ₁₈ O ₇
Molecular Weight:	358.35
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	Deoxyfunicone is a secondary fungal metabolite that inhibits the activity of PTP1B by binding to its active site, with an IC ₅₀ value of 24.3 μM. [Deoxyfunicone] also exhibits anti-inflammatory properties.
Targets(IC ₅₀)	Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7906 mL	13.9528 mL	27.9057 mL
5 mM	0.5581 mL	2.7906 mL	5.5811 mL
10 mM	0.2791 mL	1.3953 mL	2.7906 mL
50 mM	0.0558 mL	0.2791 mL	0.5581 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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