

DMNB-T6P

Chemical Properties

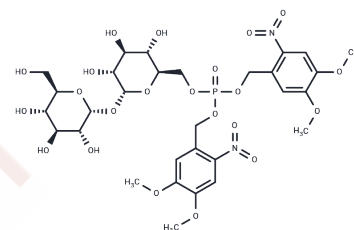
CAS No. : 1404341-58-7

Formula: C₃₀H₄₁N₂O₂₂P

Molecular Weight: 812.62

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	6-O-Bis-(4,5-dimethoxy-2-nitrobenzyloxyphosphoryl)-D-trehalose is a synthetic compound that disrupts sugar signaling pathways in plants. Upon absorption by plants and exposure to light, it triggers the release of T6P, activating internal signaling pathways. This compound is utilized in research on plant biosynthesis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2306 mL	6.1529 mL	12.3059 mL
5 mM	0.2461 mL	1.2306 mL	2.4612 mL
10 mM	0.1231 mL	0.6153 mL	1.2306 mL
50 mM	0.0246 mL	0.1231 mL	0.2461 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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