

N-Methyltetrachlorophthalimide

Chemical Properties

CAS No. :	14737-80-5
Formula:	C ₉ H ₃ Cl ₄ NO ₂
Molecular Weight:	298.93
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	N-Methyltetrachlorophthalimide (Compound 4) is an α -glucosidase (α -Glucosidase) inhibitor with an IC ₅₀ of 22.1 μ M. It is applicable in research focused on antidiabetic and antiviral activities.
Targets(IC ₅₀)	glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3453 mL	16.7263 mL	33.4526 mL
5 mM	0.6691 mL	3.3453 mL	6.6905 mL
10 mM	0.3345 mL	1.6726 mL	3.3453 mL
50 mM	0.0669 mL	0.3345 mL	0.6691 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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