

O-Phthalimide-C3-acid

Chemical Properties

CAS No. :	3130-75-4
Formula:	C12H11NO4
Molecular Weight:	233.22
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	4-(N-Phthalimidoyl)butanoic acid (compound FB) serves as a hapten featuring a carboxyl group on its terminal spacer arm, enabling reaction with proteins' free amine groups. This property allows its conjugation with carrier proteins, facilitating its use in antigen design [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2878 mL	21.439 mL	42.878 mL
5 mM	0.8576 mL	4.2878 mL	8.5756 mL
10 mM	0.4288 mL	2.1439 mL	4.2878 mL
50 mM	0.0858 mL	0.4288 mL	0.8576 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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