

DOTA-amide dihydrate

Chemical Properties

CAS No. :

Formula: C₁₆H₃₆N₈O₆

Molecular Weight: 436.51

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	DOTA-amide (dihydrate) is a chelating agent (Bifunctional Chelators (BFCs)) that can bind with the Affibody molecule ZHER2:S1. This compound can specifically target HER2, making it useful for detecting common bone metastases in prostate cancer.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2909 mL	11.4545 mL	22.909 mL
5 mM	0.4582 mL	2.2909 mL	4.5818 mL
10 mM	0.2291 mL	1.1454 mL	2.2909 mL
50 mM	0.0458 mL	0.2291 mL	0.4582 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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