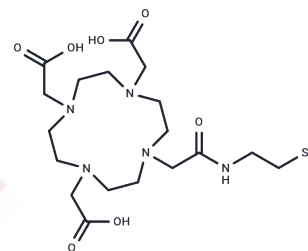


DOTA-Thiol

Chemical Properties

CAS No. :	865470-67-3
Formula:	C ₁₈ H ₃₃ N ₅ O ₇ S
Molecular Weight:	463.549
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-Thiol is a bifunctional chelator (Bifunctional Chelator; BFC) and a macrocyclic DOTA derivative intended for tumor pretargeting. It is suitable for conjugation with peptides and radionuclides.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1573 mL	10.7863 mL	21.5726 mL
5 mM	0.4315 mL	2.1573 mL	4.3145 mL
10 mM	0.2157 mL	1.0786 mL	2.1573 mL
50 mM	0.0431 mL	0.2157 mL	0.4315 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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