

DOTAM-NHS-ester

Chemical Properties

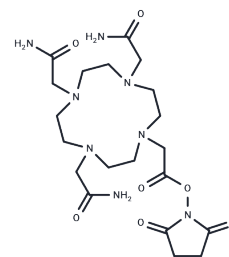
CAS No. : 2236057-47-7

Formula: C₂₀H₃₄N₈O₇

Molecular Weight: 498.53

Storage: Keep away from direct sunlight, Store under nitrogen
 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 | DOTAM-NHS-ester is a bifunctional chelator (Bifunctional Chelator; BFC) and a macrocyclic DOTA derivative utilized in tumor pre-targeting. It is suitable for conjugation with peptides and radionuclides. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|-----------|
| 1 mM | 2.0059 mL | 10.0295 mL | 20.059 mL |
| 5 mM | 0.4012 mL | 2.0059 mL | 4.0118 mL |
| 10 mM | 0.2006 mL | 1.0029 mL | 2.0059 mL |
| 50 mM | 0.0401 mL | 0.2006 mL | 0.4012 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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