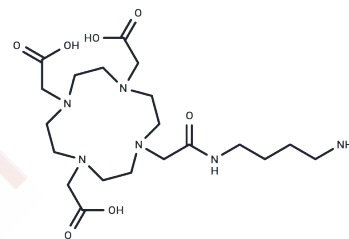


## 4-Aminobutyl-DOTA

## Chemical Properties

CAS No. : 753421-63-5  
 Formula: C<sub>20</sub>H<sub>38</sub>N<sub>6</sub>O<sub>7</sub>  
 Molecular Weight: 474.55  
 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	4-Aminobutyl-DOTA is a bifunctional chelator (Bifunctional Chelator; BFC) and a macrocyclic DOTA derivative utilized for tumor pre-targeting. It is applicable for conjugation with peptides and radionuclides.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1073 mL	10.5363 mL	21.0726 mL
5 mM	0.4215 mL	2.1073 mL	4.2145 mL
10 mM	0.2107 mL	1.0536 mL	2.1073 mL
50 mM	0.0421 mL	0.2107 mL	0.4215 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481