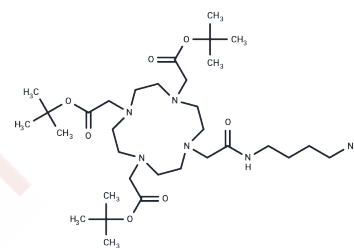


## 4-Aminobutyl-DOTA-tris(t-butyl ester)

### Chemical Properties

CAS No. : 1402393-59-2  
 Formula: C<sub>32</sub>H<sub>62</sub>N<sub>6</sub>O<sub>7</sub>  
 Molecular Weight: 642.87  
 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-tris(t-butyl ester) is a bifunctional chelator (Bifunctional Chelator; BFC) and serves as a macrocyclic DOTA derivative for tumor pre-targeting. It is suitable for conjugating peptides and radionuclides. |
| Targets(IC50) | Others  |

### Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.5555 mL | 7.7776 mL | 15.5552 mL |
| 5 mM  | 0.3111 mL | 1.5555 mL | 3.111 mL   |
| 10 mM | 0.1556 mL | 0.7778 mL | 1.5555 mL  |
| 50 mM | 0.0311 mL | 0.1556 mL | 0.3111 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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