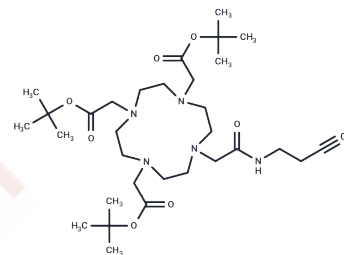


## Butyne-DOTA-tris(t-butyl ester)

### Chemical Properties

CAS No. : 2125661-54-1  
 Formula: C<sub>32</sub>H<sub>57</sub>N<sub>5</sub>O<sub>7</sub>  
 Molecular Weight: 623.824  
 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	Butyne-DOTA-tris(t-butyl ester) is a bifunctional chelator (Bifunctional Chelator; BFC) and a macrocyclic DOTA derivative utilized for tumor pre-targeting. It is suitable for conjugation with peptides and radionuclides.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.603 mL	8.0151 mL	16.0303 mL
5 mM	0.3206 mL	1.603 mL	3.2061 mL
10 mM	0.1603 mL	0.8015 mL	1.603 mL
50 mM	0.0321 mL	0.1603 mL	0.3206 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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