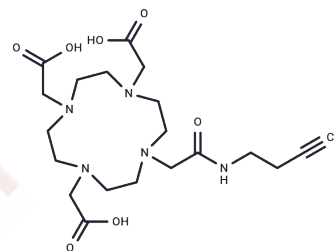


## Butyne-DOTA

## Chemical Properties

CAS No. :	2125661-62-1
Formula:	C <sub>20</sub> H <sub>33</sub> N <sub>5</sub> O <sub>7</sub>
Molecular Weight:	455.5053
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 is a bifunctional chelator (Bifunctional Chelator; BFC), serving as a macrocyclic DOTA derivative designed for tumor pre-targeting applications. It is utilized for the conjugation of peptides and radionuclides.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1953 mL	10.9767 mL	21.9534 mL
5 mM	0.4391 mL	2.1953 mL	4.3907 mL
10 mM	0.2195 mL	1.0977 mL	2.1953 mL
50 mM	0.0439 mL	0.2195 mL	0.4391 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