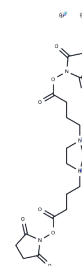


## DC4 Crosslinker

## Chemical Properties

CAS No. :	1374647-94-5
Formula:	C22H32Br2N4O8
Molecular Weight:	640.326
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	DC4 crosslinker, an 18Å mass spectrometry-cleavable crosslinking reagent, features two intrinsic positive charges facilitating the fragmentation of cross-linked peptides into their constituent peptides through collision-induced dissociation or in-source decay. Initial fragmentation leads to cleavage adjacent to the positive charges, enabling the identification of cross-linked peptides as pairs of ions with precise mass separation. Furthermore, the resultant intact peptide fragments can undergo further fragmentation, producing a sequence of b- and y-ions for peptide identification.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5617 mL	7.8085 mL	15.6169 mL
5 mM	0.3123 mL	1.5617 mL	3.1234 mL
10 mM	0.1562 mL	0.7808 mL	1.5617 mL
50 mM	0.0312 mL	0.1562 mL	0.3123 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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