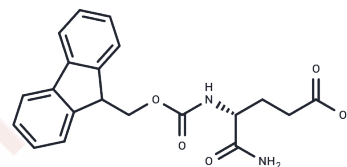


## N-Fmoc-D-glutamine

## Chemical Properties

CAS No. :	292150-20-0
Formula:	C <sub>20</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	368.38
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	N-Fmoc-D-glutamine is Fmoc-protected alpha-glutamine. Alpha-glutamine is an $\alpha$ -amino acid and the most abundant free amino acid in human blood, frequently employed in protein synthesis and metabolic regulation.
Targets(IC50)	Amino Acids and Derivatives

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7146 mL	13.5729 mL	27.1459 mL
5 mM	0.5429 mL	2.7146 mL	5.4292 mL
10 mM	0.2715 mL	1.3573 mL	2.7146 mL
50 mM	0.0543 mL	0.2715 mL	0.5429 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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