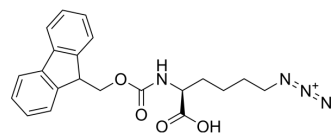


N6-Diazo-L-Fmoc-lysine

Cat. No.:	HY-W048205
CAS No.:	159610-89-6
Molecular Formula:	C ₂₁ H ₂₂ N ₄ O ₄
Molecular Weight:	394.42
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (253.54 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.5354 mL	12.6768 mL	25.3537 mL	
5 mM	0.5071 mL	2.5354 mL	5.0707 mL	
10 mM	0.2535 mL	1.2677 mL	2.5354 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

N6-Diazo-L-Fmoc-lysine is an active compound and can be used in a variety of chemical studies. N6-Diazo-L-Fmoc-lysine is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

Caution: Product has not been fully validated for medical applications. For research use only.

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