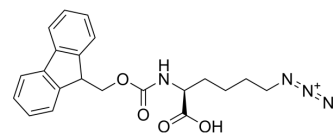


## N6-Diazo-L-Fmoc-lysine

Cat. No.:	HY-W048205
CAS No.:	159610-89-6
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	394.42
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	<div> <div>Powder</div> <div> -20°C 3 years 4°C 2 years </div> </div> <div> <div>In solvent</div> <div> -80°C 6 months -20°C 1 month </div> </div>



### SOLVENT & SOLUBILITY

#### In Vitro

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

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA