

DiAzKs

## Chemical Properties

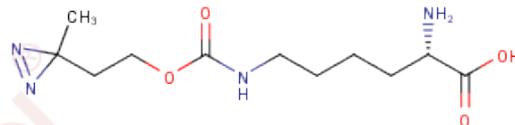
CAS No. : 1253643-88-7

Formula: C<sub>11</sub>H<sub>20</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight: 272.3

Appearance: no data available

Storage: keep away from direct sunlight  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	H-L-Photo-lysine, a photo-cross-linker, is a diazirine-containing lysine amino acid. It can site-selective incorporated into proteins and is used to crosslink protein-protein interactions in vitro and in living cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6724 mL	18.3621 mL	36.7242 mL
5 mM	0.7345 mL	3.6724 mL	7.3448 mL
10 mM	0.3672 mL	1.8362 mL	3.6724 mL
50 mM	0.0734 mL	0.3672 mL	0.7345 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.

## Reference

Ai HW, et al. Probing protein-protein interactions with a genetically encoded photo-crosslinking amino acid. *Chembiochem*. 2011 Aug 16;12(12):1854-7.

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