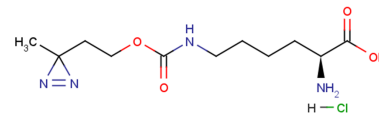


H-L-Photo-lysine hydrochloride

Chemical Properties

CAS No. :	T18998
Formula:	C ₁₁ H ₂₁ ClN ₄ O ₄
Molecular Weight:	308.76
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 hydrochloride, 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	3.2388 mL	16.1938 mL	32.3876 mL
5 mM	0.6478 mL	3.2388 mL	6.4775 mL
10 mM	0.3239 mL	1.6194 mL	3.2388 mL
50 mM	0.0648 mL	0.3239 mL	0.6478 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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