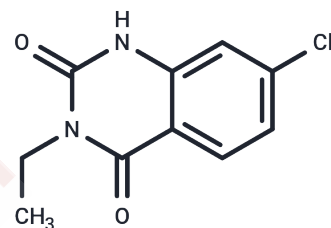


LC3B recruiter 2

Chemical Properties

CAS No. :	380636-64-6
Formula:	C10H9ClN2O2
Molecular Weight:	224.644
Storage:	Keep away from direct sunlight 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	LC3B recruiter 2 (34R) is an LC3B recruiting agent incorporated into the autophagy-lysosome pathway degradation system (ATTEC, Autophagy-Tethering Compounds), with a direct binding affinity for LC3B. It connects via a linker to the CDK9 inhibitor SNS-032, creating an ATTEC capable of targeting and degrading the CDK9 and Cyclin T1 complex, while also inhibiting them. Consequently, LC3B recruiter 2 exerts its function through an LC3B-dependent autophagy-lysosome pathway, interfering with the cancer cell cycle progression, thereby demonstrating antitumor activity.
Targets(IC50)	Autophagy,ATTECs,ATG

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4516 mL	22.2578 mL	44.5157 mL
5 mM	0.8903 mL	4.4516 mL	8.9031 mL
10 mM	0.4452 mL	2.2258 mL	4.4516 mL
50 mM	0.089 mL	0.4452 mL	0.8903 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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