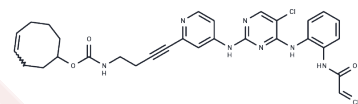


ERK1/2 inhibitor 9

Chemical Properties

CAS No. :	2169302-75-2
Formula:	C31H32ClN7O3
Molecular Weight:	586.08
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	ERK1/2 Inhibitor 9 (Probe 1), a covalent antagonist of ERK1/2, exhibits sub-micromolar efficacy in cellular assays (A375 GI50=0.47 μ M) and facilitates the reduction of phospho-ERK1/2 levels. When conjugated with trans-cyclo-octene (TCO) and Tz-Thalidomide (tetrazine-tagged Thalidomide), it forms the corresponding ERK-CLIPTAC, promoting targeted ERK1/2 degradation [1].
Targets(IC50)	ERK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7063 mL	8.5313 mL	17.0625 mL
5 mM	0.3413 mL	1.7063 mL	3.4125 mL
10 mM	0.1706 mL	0.8531 mL	1.7063 mL
50 mM	0.0341 mL	0.1706 mL	0.3413 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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