

## ITK degrader 1

## Chemical Properties

CAS No. :

Formula: C48H57F3N10O7

Molecular Weight: 943.02

Keep away from direct sunlight

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	ITK Degradator 1, a highly selective interleukin-2-inducible T-cell kinase (ITK; DC50=3.6 nM in vivo in mice) degrader, induces rapid and prolonged degradation of ITK and effectively suppresses IL-2 secretion (EC50=35.2 nM, Jurkat cells) stimulated by anti-CD3 antibody in vivo. Additionally, it demonstrates favorable plasma exposure levels [1].
Targets(IC50)	Others,PROTACs,Tyrosine Kinases

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0604 mL	5.3021 mL	10.6042 mL
5 mM	0.2121 mL	1.0604 mL	2.1208 mL
10 mM	0.106 mL	0.5302 mL	1.0604 mL
50 mM	0.0212 mL	0.106 mL	0.2121 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.

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