

PI3K $\delta$ -IN-26

## Chemical Properties

CAS No. :	2019131-11-2
Formula:	C23H31N9O3
Molecular Weight:	481.56
Storage:	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	PI3K $\delta$ -IN-26 (Compound 58) is an orally active selective PI3K $\delta$ inhibitor with an IC50 of 14 nM. It significantly reduces the inflammatory response in a mouse model of chronic asthma induced by house dust mites (HDM). PI3K $\delta$ -IN-26 is applicable for research in inflammatory, autoimmune, and proliferative diseases.
Targets(IC50)	PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0766 mL	10.3829 mL	20.7658 mL
5 mM	0.4153 mL	2.0766 mL	4.1532 mL
10 mM	0.2077 mL	1.0383 mL	2.0766 mL
50 mM	0.0415 mL	0.2077 mL	0.4153 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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