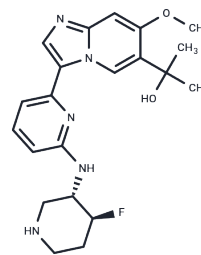


## IRAK1/4/pan-FLT3 Kinase-IN-1

## Chemical Properties

CAS No. :	2760328-82-1
Formula:	C <sub>21</sub> H <sub>26</sub> FN <sub>5</sub> O <sub>2</sub>
Molecular Weight:	399.46
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	IRAK1/4/pan-FLT3 Kinase-IN-1 (Compound 31) is a potent inhibitor of IRAK1, IRAK4, and FLT3 kinases, demonstrating IC <sub>50</sub> values of 5 nM for IRAK1, 0.6 nM for IRAK4, and less than 0.5 nM for FLT3. It exhibits favorable pharmacokinetic properties and holds promise for research in acute myeloid leukemia, with survival extension effects comparable to Gilteritinib.
Targets(IC <sub>50</sub> )	FLT,IRAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5034 mL	12.5169 mL	25.0338 mL
5 mM	0.5007 mL	2.5034 mL	5.0068 mL
10 mM	0.2503 mL	1.2517 mL	2.5034 mL
50 mM	0.0501 mL	0.2503 mL	0.5007 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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