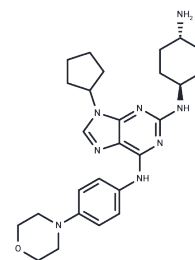


FLT3-IN-18

Chemical Properties

CAS No. : 752191-77-8
 Formula: C₂₆H₃₆N₈O
 Molecular Weight: 476.62
 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	FLT3-IN-18, a potent and selective FLT3 inhibitor, exhibits an IC ₅₀ value of 0.003 μM. It effectively induces apoptosis and G1 phase cell cycle arrest, while inhibiting FLT3 and STAT5 phosphorylation. This compound holds potential for acute myeloid leukemia (AML) research.
Targets(IC ₅₀)	Others,FLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0981 mL	10.4905 mL	20.9811 mL
5 mM	0.4196 mL	2.0981 mL	4.1962 mL
10 mM	0.2098 mL	1.0491 mL	2.0981 mL
50 mM	0.042 mL	0.2098 mL	0.4196 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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