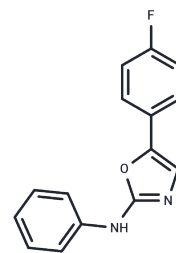


FLT3-IN-10

Chemical Properties

CAS No. : 2088735-51-5
 Formula: C₁₅H₁₁FN₂O
 Molecular Weight: 254.26
 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-10 (2-Oxazolamine, 5-(4-fluorophenyl)-N-phenyl-) (compound 7c) is a potent inhibitor of FMS-like tyrosine kinase 3 (FLT3). FLT3-IN-10 shows the potential for the treatment of FLT3-mutated acute myeloid leukemia (AML).
Targets(IC50)	FLT

Solubility Information

Solubility	DMSO: 55 mg/mL (216.31 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.933 mL	19.6649 mL	39.3298 mL
5 mM	0.7866 mL	3.933 mL	7.866 mL
10 mM	0.3933 mL	1.9665 mL	3.933 mL
50 mM	0.0787 mL	0.3933 mL	0.7866 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.

Reference

Kim HJ, et al. Discovery of Oxazol-2-amine Derivatives as Potent Novel FLT3 Inhibitors. Molecules. 2020;25(21): 5154.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481