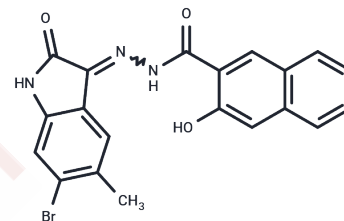


MolPort-002-705-878

Chemical Properties

CAS No. : 304480-98-6
 Formula: C₂₀H₁₄BrN₃O₃
 Molecular Weight: 424.25
 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	MolPort-002-705-878 is a highly selective inhibitor of FMS-like tyrosine kinase 3 (FLT3), with a binding affinity of -11.33 kcal/mol. It effectively suppresses the proliferation of FLT3-mutant acute myeloid leukemia (AML) cells and holds potential for research into FLT3-mutant AML.
Targets(IC50)	FLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3571 mL	11.7855 mL	23.571 mL
5 mM	0.4714 mL	2.3571 mL	4.7142 mL
10 mM	0.2357 mL	1.1786 mL	2.3571 mL
50 mM	0.0471 mL	0.2357 mL	0.4714 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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