Data Sheet (Cat.No.T210001)

TargetMol

D-65476

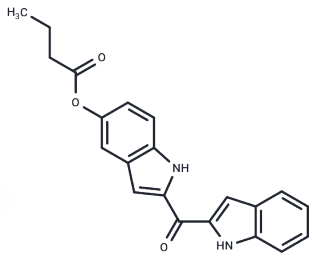
Chemical Properties

CAS No. : 249762-74-1

Formula: C21H18N2O3

Molecular Weight: 346.38

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	D-65476 is a type III receptor tyrosine kinase (Flt3) inhibitor. It inhibits the proliferation of TEL-Flt3 transfected BA/F3 cells in the absence of IL-3, with an IC50 of 0.2 μM, and is useful for researching Flt3-driven leukemia.
Targets(IC50)	FLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.887 mL	14.435 mL	28.870 mL
5 mM	0.5774 mL	2.887 mL	5.774 mL
10 mM	0.2887 mL	1.4435 mL	2.887 mL
50 mM	0.0577 mL	0.2887 mL	0.5774 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

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