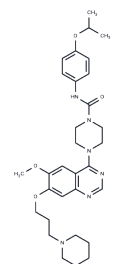


Tandutinib hydrochloride

Chemical Properties

CAS No. :	2438900-70-8
Formula:	C ₃₁ H ₄₃ ClN ₆ O ₄
Molecular Weight:	599.16
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	Tandutinib hydrochloride (MLN518 hydrochloride) is a potent, selective FLT3 inhibitor with an IC ₅₀ of 0.22 μM and also effectively inhibits c-Kit and PDGFR, with IC ₅₀ values of 0.17 μM and 0.20 μM, respectively. This compound is clinically applicable for treating acute myelogenous leukemia (AML) and can cross the blood-brain barrier.
Targets(IC ₅₀)	Apoptosis,Others,FLT,c-Kit,PDGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.669 mL	8.345 mL	16.690 mL
5 mM	0.3338 mL	1.669 mL	3.338 mL
10 mM	0.1669 mL	0.8345 mL	1.669 mL
50 mM	0.0334 mL	0.1669 mL	0.3338 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