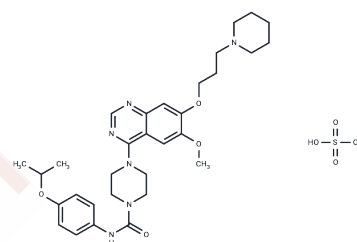


## Tandutinib sulfate

## Chemical Properties

CAS No. :	387867-14-3
Formula:	C <sub>31</sub> H <sub>44</sub> N <sub>6</sub> O <sub>8</sub> S
Molecular Weight:	660.78
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 (MLN518) sulfate is an effective and selective inhibitor of FLT3, with an IC <sub>50</sub> value of 0.22 μM. It also inhibits c-Kit and PDGFR, displaying IC <sub>50</sub> values of 0.17 μM and 0.20 μM respectively. This compound can be utilized in the treatment of acute myeloid leukemia and has the capability to cross the blood-brain barrier.
Targets(IC <sub>50</sub> )	Apoptosis, Microtubule Associated, Drug-Linker Conjugates for ADC, c-Kit, PDGFR, Topoisomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5134 mL	7.5668 mL	15.1336 mL
5 mM	0.3027 mL	1.5134 mL	3.0267 mL
10 mM	0.1513 mL	0.7567 mL	1.5134 mL
50 mM	0.0303 mL	0.1513 mL	0.3027 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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