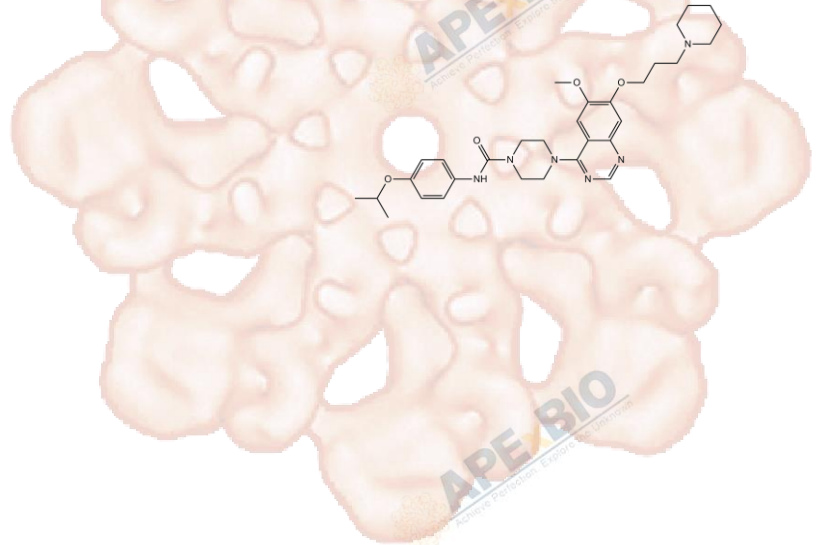


Product Data Sheet

Tandutinib (MLN518)

Cat. No.: B1526
CAS No.: 387867-13-2
Formula: C₃₁H₄₂N₆O₄
M.Wt: 562.72
Synonyms:
Target: Tyrosine Kinase
Pathway: FLT3
Storage: Store at -20°C



Solvent & Solubility

≥ 17.85 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	1.7771 mL	8.8854 mL	17.7708 mL
		5 mM	0.3554 mL	1.7771 mL	3.5542 mL
		10 mM	0.1777 mL	0.8885 mL	1.7771 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

FLT3 inhibitor, potent and selective

IC₅₀ & Target

0.17 μM (c-Kit), 0.20 μM (PDGFRβ), 0.22 μM (FLT3), 3.43 μM (CSF-1R), >30 μM (KDR)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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