Tandutinib (MLN518)

Catalog No: #S1667

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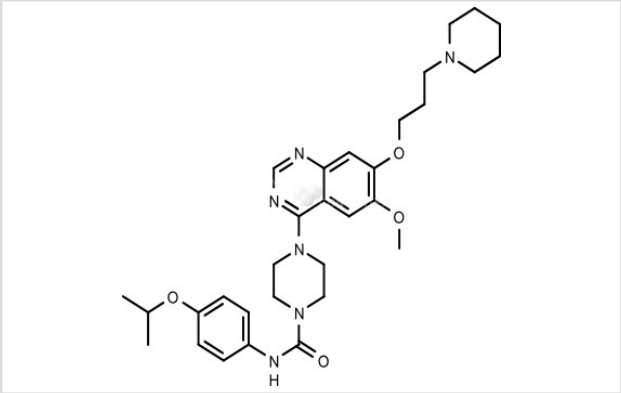
Description

Product Name	Tandutinib (MLN518)
Brief Description	Inhibitors
Purification	99.74%
Target Name	c-Kit inhibitor; CSF-1R inhibitor; FLT antagonist; PDGFR inhibitor; Src antagonist
Calculated MW	562.7
Formulation	C31H42N6O4
Storage	3 years -20°C powder;2 years -80°C in solvent;

Images



Product Description

Research Area:CancerSMILES:COC1=C(OCCCN2CCCCC2)C=C2N=CN=C(N3CCN(CC3)C(=O)NC3=CC=C(OC(C)C)C=C3)C2=C1Pathways:Angiogenesis; Tyrosine Kinase/AdaptorsReceptor:c-Kit; CSF-1R; FLT3; PDGFRβ; SrcBoling pt:769.5CMelting pt:177-178CSolubility:Ethanol: 6 mg/mL (10.66 mM); DMSO: 5 mg/mL (8.88 mM)Appearance:White PowderRemark:For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20 °C for several month.

References

1. Kelly LM, et al. Y Cell, 2002, 1(5), 421-432.

Note: This product is for in vitro research use only