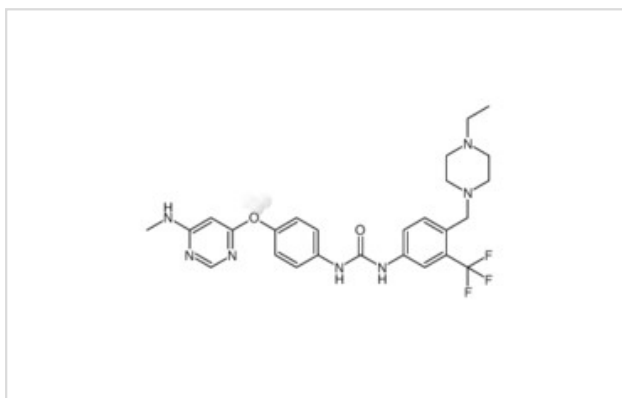


Description

Product Name	AST 487
Brief Description	Inhibitors
Purification	98.00%
Target Name	c-Kit inhibitor; c-RET inhibitor; FLT inhibitor; VEGFR inhibitor
Calculated MW	529.56
Formulation	C26H30F3N7O2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer
 SMILES: CCN1CCN(CC1)CC2=C(C=C(C=C2)NC(=O)NC3=CC=C(C=C3)OC4=NC=NC(=C4)NC)C(F)(F)F
 Pathways: Angiogenesis; Apoptosis; Tyrosine Kinase/Adaptors Receptor: c-Kit; RET; FLT4; KDR
 Boiling pt: Melting pt: Solubility: 10 mM in DMSO
 Appearance: Remark: 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 months.

References

1. Akeno-Stuart N, et al. The RET Kinase Inhibitor NVP-AST487 Blocks Growth and Calcitonin Gene Expression through Distinct Mechanisms in Medullary Thyroid Cancer Cells. *Cancer Res.* 2007 Jul 15;67(14):6956-64.

Note: This product is for in vitro research use only