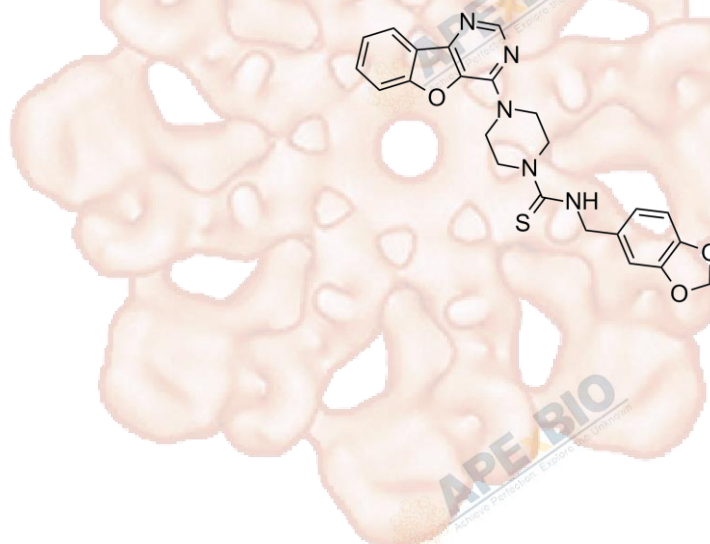


Product Data Sheet

Amuvatinib (MP-470, HPK 56)

Cat. No.:	A4237
CAS No.:	850879-09-3
Formula:	C ₂₃ H ₂₁ N ₅ O ₃ S
M.Wt:	447.51
Synonyms:	MP470,MP 470,HPK56
Target:	Tyrosine Kinase
Pathway:	c-RET
Storage:	Store at -20°C



Solvent & Solubility

≥22.4 mg/mL in DMSO; insoluble in H₂O; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.2346 mL	11.1729 mL	22.3459 mL
	5 mM	0.4469 mL	2.2346 mL	4.4692 mL
	10 mM	0.2235 mL	1.1173 mL	2.2346 mL

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

Biological Activity

Shortsummary

Tyrosine kinase inhibitor

IC₅₀ & Target

10 nM (c-KitD816H), 40 nM (PDGFRαV561D), 81 nM (Flt3D835Y)

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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