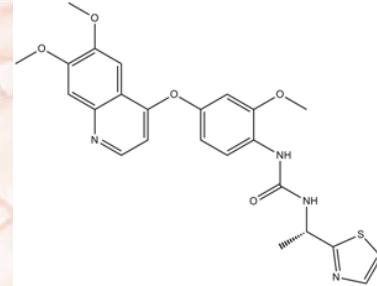


Product Data Sheet

Ki20227

Cat. No.:	A3527
CAS No.:	623142-96-1
Formula:	C ₂₄ H ₂₄ N ₄ O ₅ S
M.Wt:	480.55
Synonyms:	Ki 20227; Ki-20227
Target:	Tyrosine Kinase
Pathway:	c-FMS
Storage:	Store at -20°C



Solvent & Solubility

≥48.1 mg/mL in DMSO; insoluble in H₂O; ≥8.6 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
			Concentration		
	1 mM		2.0809 mL	10.4047 mL	20.8095 mL
	5 mM		0.4162 mL	2.0809 mL	4.1619 mL
	10 mM		0.2081 mL	1.0405 mL	2.0809 mL

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

Biological Activity

Shortsummary

C-Fms tyrosine kinase inhibitor

IC₅₀ & Target

2 nM (c-Fms), 12 nM (VEGFR-2), 217 nM (PDGFRβ), 451 nM (c-Kit)

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.

APEX BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

