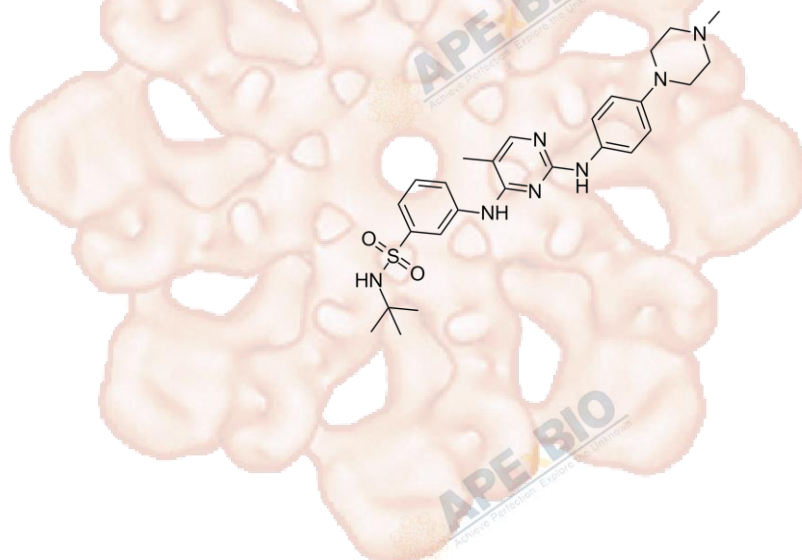


Product Data Sheet

TG101209

Cat. No.:	A4145
CAS No.:	936091-14-4
Formula:	C ₂₆ H ₃₅ N ₇ O ₂ S
M.Wt:	509.67
Synonyms:	TG-101209
Target:	Tyrosine Kinase
Pathway:	c-RET
Storage:	Store at -20°C



Solvent & Solubility

≥25.5 mg/mL in DMSO; insoluble in H₂O; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	1.9621 mL	9.8103 mL	19.6205 mL
	5 mM	0.3924 mL	1.9621 mL	3.9241 mL
	10 mM	0.1962 mL	0.9810 mL	1.9621 mL

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

Biological Activity

Shortsummary

JAK2/3 inhibitor

IC₅₀ & Target

, 25 nM (Flt3), 17 nM (RET), 169 nM (JAK3)

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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