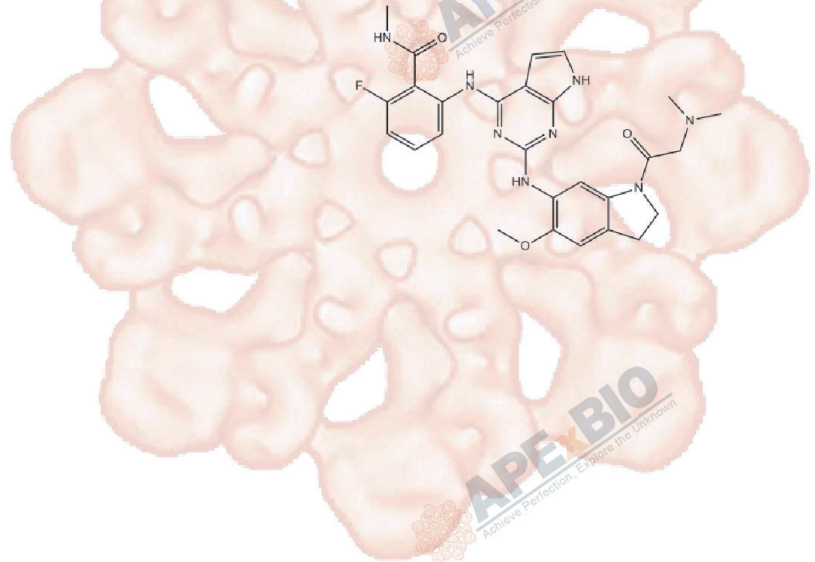


Product Data Sheet

GSK1838705A

Cat. No.:	A8440
CAS No.:	1116235-97-2
Formula:	C27H29FN8O3
M.Wt:	532.57
Synonyms:	
Target:	Tyrosine Kinase
Pathway:	ALK
Storage:	Store at -20°C



Solvent & Solubility

≥26.65 mg/mL in DMSO; insoluble in H₂O; ≥2.4 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
		Concentration			
		1 mM	1.8777 mL	9.3884 mL	18.7769 mL
		5 mM	0.3755 mL	1.8777 mL	3.7554 mL
		10 mM	0.1878 mL	0.9388 mL	1.8777 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	IGF-IR/IR/ALK inhibitor, ATP-competitive	
IC ₅₀ & Target	0.5 nM (ALK), 1.6 nM (Insulin Receptor), 2 nM (IGF-1R), 1.6 μM (RSK1), 2 μM (JNK3)	
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 APExBIO 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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