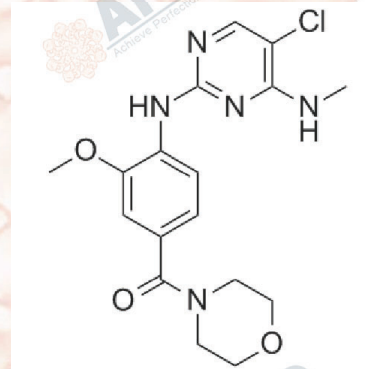


Product Data Sheet

HG-10-102-01

Cat. No.:	B1262
CAS No.:	1351758-81-0
Formula:	C ₁₇ H ₂₀ ClN ₅ O ₃
M.Wt:	377.83
Synonyms:	
Target:	Tyrosine Kinase
Pathway:	LRRK2
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥18.9 mg/mL in DMSO; ≥7.64 mg/mL in EtOH with ultrasonic

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
		Concentration			
		1 mM	2.6467 mL	13.2335 mL	26.4669 mL
		5 mM	0.5293 mL	2.6467 mL	5.2934 mL
		10 mM	0.2647 mL	1.3233 mL	2.6467 mL

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

Biological Activity

Shortsummary	LRRK2 inhibitor	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Chen ZC, Zhang W, et al. "Phosphorylation of amyloid precursor protein by mutant LRRK2 promotes AICD activity and neurotoxicity in Parkinson's disease." Sci Signal. 2017 Jul 18;10(488). pii: eaam6790.PMID:28720718

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. Short-term 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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