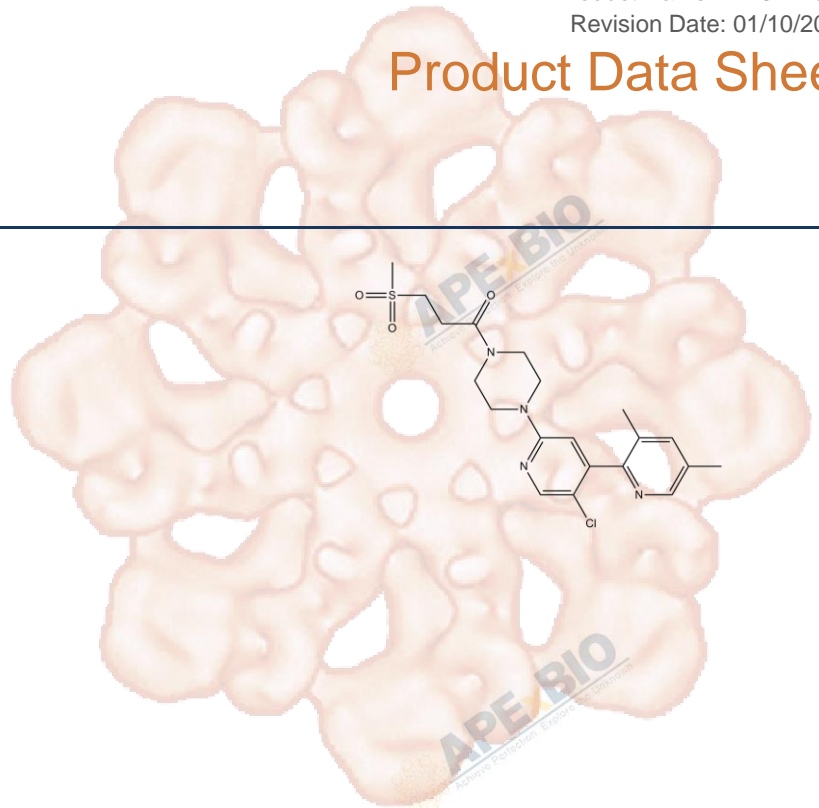


Product Data Sheet

PF-5274857

Cat. No.:	A8500
CAS No.:	1373615-35-0
Formula:	C ₂₀ H ₂₅ CIN ₄ O ₃ S
M.Wt:	436.96
Synonyms:	
Target:	Stem Cell
Pathway:	Hedgehog
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 17.6 mg/mL in H₂O with ultrasonic; ≥ 19.65 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.2885 mL	11.4427 mL	22.8854 mL
	5 mM	0.4577 mL	2.2885 mL	4.5771 mL
	10 mM	0.2289 mL	1.1443 mL	2.2885 mL

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

Biological Activity

Shortsummary Smo antagonist,potent and selective

IC₅₀ & Target 5.8 nM (Ki=4.6 nM) (Smoothened)

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. 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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