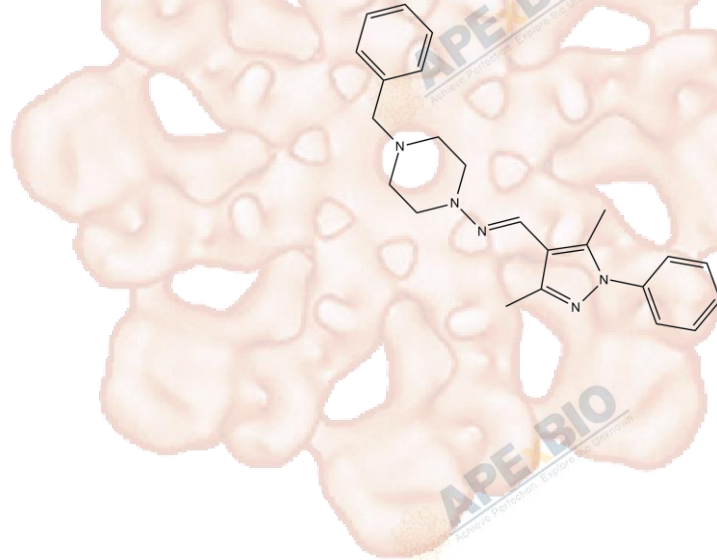


Product Data Sheet

SANT-1

Cat. No.:	A8659
CAS No.:	304909-07-7
Formula:	C23H27N5
M.Wt:	373.5
Synonyms:	
Target:	Stem Cell
Pathway:	Hedgehog
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥18.75 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.6774 mL	13.3869 mL	26.7738 mL
	5 mM	0.5355 mL	2.6774 mL	5.3548 mL
	10 mM	0.2677 mL	1.3387 mL	2.6774 mL

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

Biological Activity

Shortsummary Shh inhibitor, potent and cell-permeable

IC₅₀ & Target 20 nM (K_d=1.2 nM) (Smoothened)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Lin B, Coleman JH, et al. "Injury Induces Endogenous Reprogramming and Dedifferentiation of Neuronal Progenitors to Multipotency." Cell Stem Cell. 2017 Nov 20. pii:S1934-5909(17)30375-2.PMID:29174332

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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