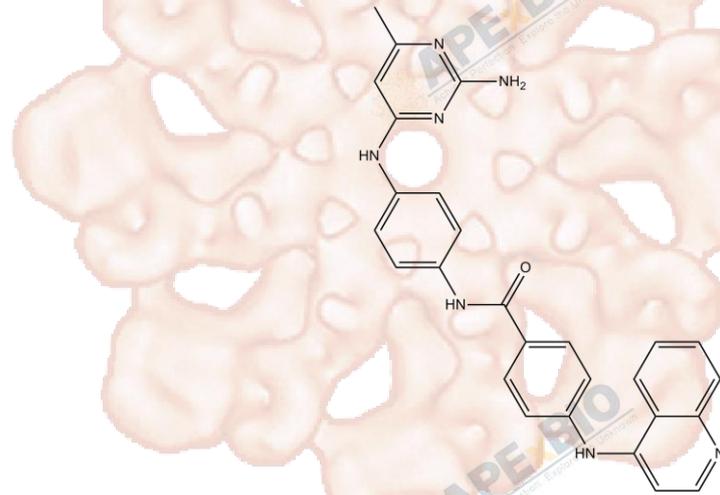


Product Data Sheet

SGI-1027

Cat. No.:	B1622
CAS No.:	1020149-73-8
Formula:	C ₂₇ H ₂₃ N ₇ O
M.Wt:	461.52
Synonyms:	
Target:	Chromatin/Epigenetics
Pathway:	Histone Methyltransferase
Storage:	Store at -20°C



Solvent & Solubility

≥22.25 mg/mL in DMSO with gentle warming; insoluble in H₂O; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	2.1668 mL	10.8338 mL	21.6675 mL
	5 mM	0.4334 mL	2.1668 mL	4.3335 mL
	10 mM	0.2167 mL	1.0834 mL	2.1668 mL

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

Biological Activity

Shortsummary

DNMT inhibitor

IC₅₀ & Target

6 μM (DNMT1), 7.5 μM (DNMT3B), 8 μM (DNMT3A)

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.

APExBIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

