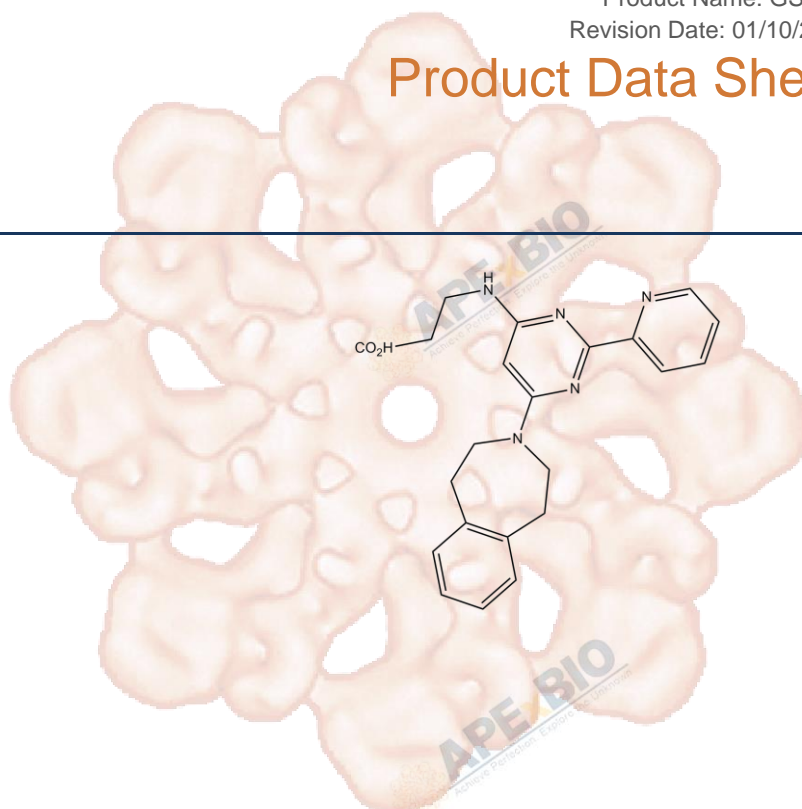


Product Data Sheet

GSK J1

Cat. No.:	A4191
CAS No.:	1373422-53-7
Formula:	C22H23N5O2
M.Wt:	389.45
Synonyms:	
Target:	Chromatin/Epigenetics
Pathway:	Histone Demethylases
Storage:	Store at -20°C



Solvent & Solubility

≥38.9 mg/mL in DMSO; insoluble in H2O; ≥51.2 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.5677 mL	12.8386 mL	25.6772 mL
	5 mM	0.5135 mL	2.5677 mL	5.1354 mL
	10 mM	0.2568 mL	1.2839 mL	2.5677 mL

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

Biological Activity

Shortsummary

H3K27 demethylase JMJD3 inhibitor

IC₅₀ & Target

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. 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.

APEX BIO 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

