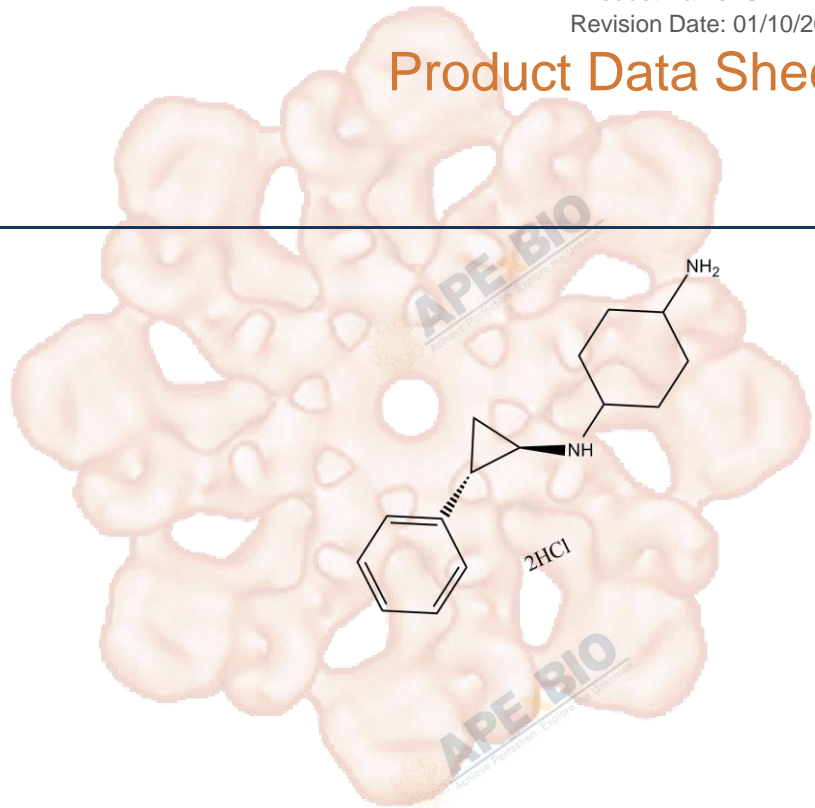


Product Data Sheet

ORY-1001

Cat. No.:	B5882
CAS No.:	1431326-61-2
Formula:	C ₁₅ H ₂₄ Cl ₂ N ₂
M.Wt:	303.27
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	HDAC
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 23.15 mg/mL in H₂O; ≥ 6.9 mg/mL in DMSO with gentle warming

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		3.2974 mL	16.4870 mL	32.9739 mL
	5 mM		0.6595 mL	3.2974 mL	6.5948 mL
	10 mM		0.3297 mL	1.6487 mL	3.2974 mL

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

Biological Activity

Shortsummary

Selective inhibitor of KDM1A.

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Hoang N, Zhang X, et al. "New histone demethylase LSD1 inhibitor selectively targetsteratocarcinoma and embryonic carcinoma cells." Bioorg Med Chem. 2018 Feb 7. pii:S0968-0896(17)31942-9.PMID:29439916

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.

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