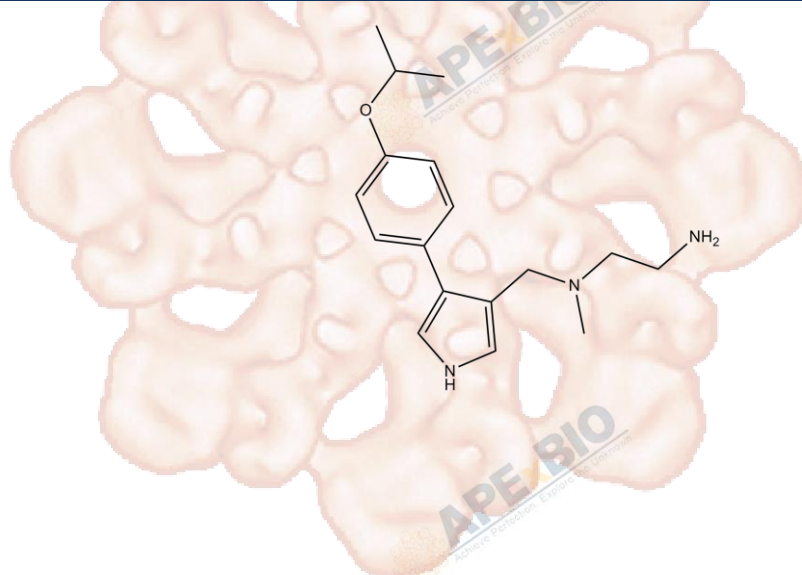


Product Data Sheet

MS023

Cat. No.: B6183
CAS No.: 1831110-54-3
Formula: C₁₇H₂₅N₃O
M.Wt: 287.4
Synonyms:
Target: Chromatin/Epigenetics
Pathway: Histone Methyltransferase
Storage: Store at -20°C



Solvent & Solubility

≥28.7 mg/mL in DMSO; ≥13.7 mg/mL in EtOH; ≥23.3 mg/mL in H₂O

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	3.4795 mL	17.3974 mL	34.7947 mL
		5 mM	0.6959 mL	3.4795 mL	6.9589 mL
		10 mM	0.3479 mL	1.7397 mL	3.4795 mL

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

Biological Activity

Shortsummary

type I PRMTs inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Pyun JH, Kim HJ, et al. "Cardiac specific PRMT1 ablation causes heart failure through CaMKII dysregulation." Nat Commun. 2018 Nov 30;9(1):5107.PMID:30504773

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.

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