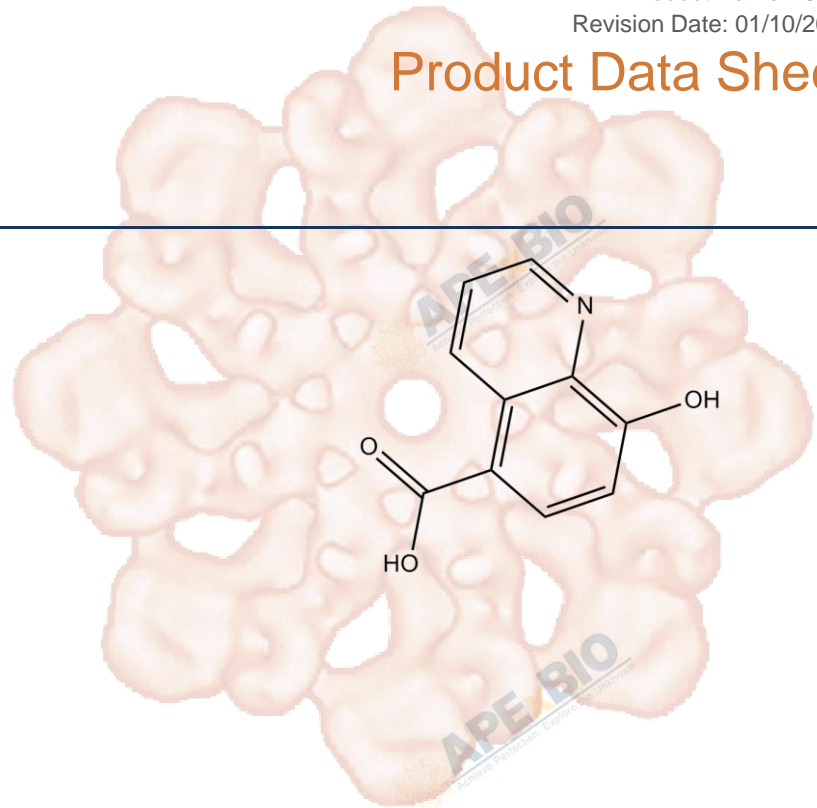


Product Data Sheet

IOX 1

Cat. No.:	B5607
CAS No.:	5852-78-8
Formula:	C ₁₀ H ₇ NO ₃
M.Wt:	189.17
Synonyms:	
Target:	Chromatin/Epigenetics
Pathway:	Histone Demethylases
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in H₂O; ≥5.75 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	5.2863 mL	26.4313 mL	52.8625 mL
	5 mM	1.0573 mL	5.2863 mL	10.5725 mL
	10 mM	0.5286 mL	2.6431 mL	5.2863 mL

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

Biological Activity

Shortsummary histone demethylase JMJD inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Li N, Yang L, et al. "BET bromodomain inhibitor JQ1 preferentially suppresses EBV-positive nasopharyngeal carcinoma cells partially through repressing c-Myc." Cell Death Dis. 2018 Jul 9;9(7):761.PMID:29988031

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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