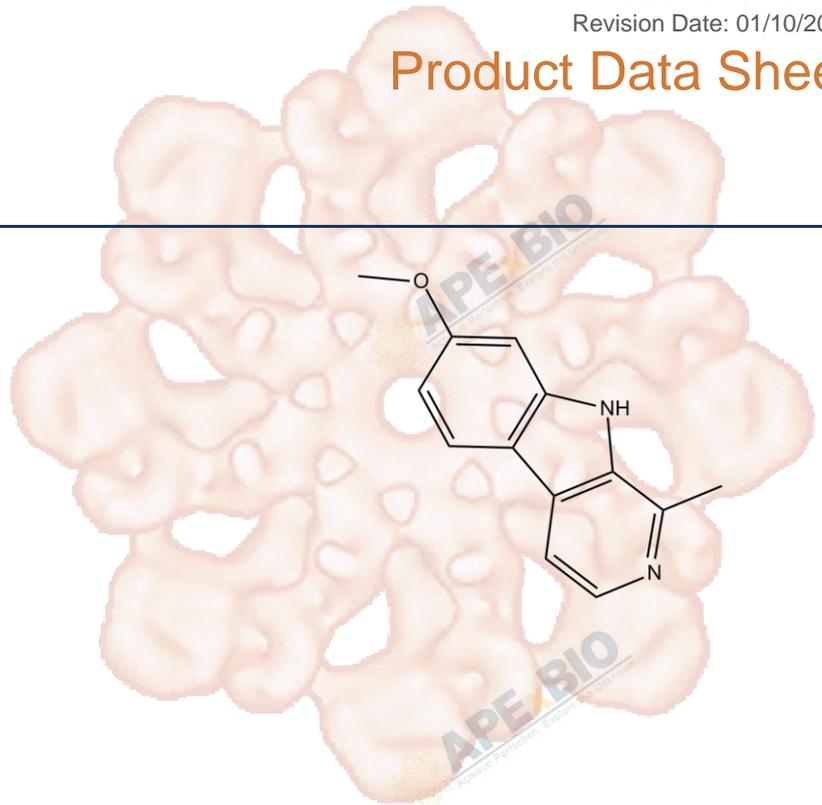


# Product Data Sheet

## Harmine

**Cat. No.:** B8316  
**CAS No.:** 442-51-3  
**Formula:** C<sub>13</sub>H<sub>12</sub>N<sub>2</sub>O  
**M.Wt:** 212.25  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥33 mg/mL in DMSO with ultrasonic; ≥6.35 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	4.7114 mL	23.5571 mL	47.1143 mL
	<b>5 mM</b>	0.9423 mL	4.7114 mL	9.4229 mL
	<b>10 mM</b>	0.4711 mL	2.3557 mL	4.7114 mL

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

### Biological Activity

Shortsummary

Harmine

IC<sub>50</sub> & Target

80nM (DYRK1A), 800nM (DYRK3), 900nM (DYRK2), -- (PPAR<sub>γ</sub>)

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://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. Short-term 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](http://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](mailto:info@apexbt.com)

