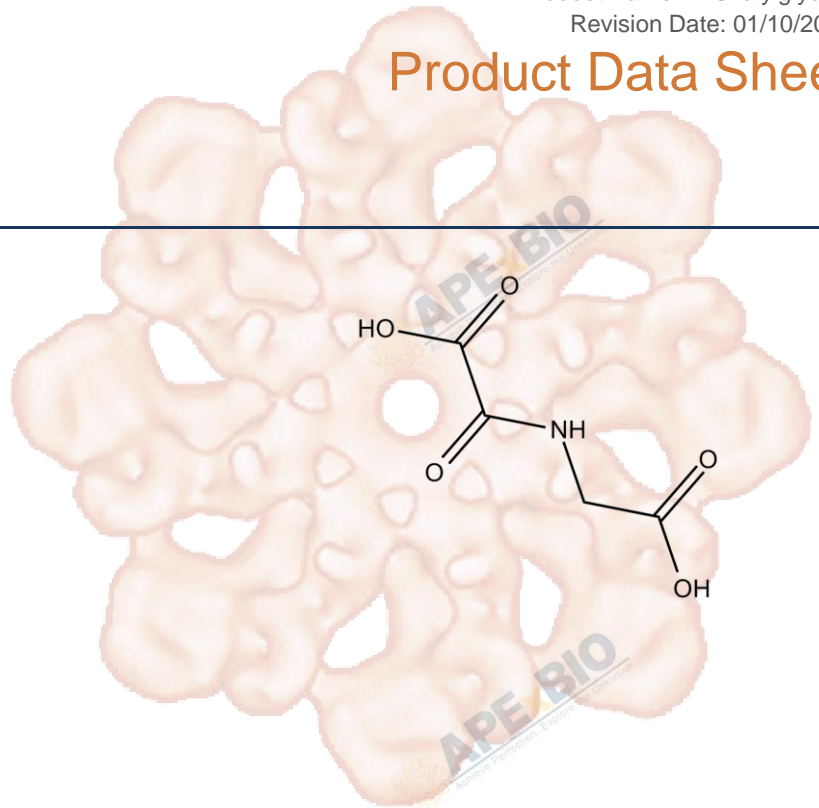


# Product Data Sheet

## N-Oxalyglycine

<b>Cat. No.:</b>	C3095
<b>CAS No.:</b>	5262-39-5
<b>Formula:</b>	C4H5NO5
<b>M.Wt:</b>	147.1
<b>Synonyms:</b>	NOG
<b>Target:</b>	Chromatin/Epigenetics
<b>Pathway:</b>	Histone Demethylases
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in EtOH;  $\geq 3.82$  mg/mL in DMSO with ultrasonic;  $\geq 9.55$  mg/mL in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	6.7981 mL	33.9905 mL	67.9810 mL
	<b>5 mM</b>	1.3596 mL	6.7981 mL	13.5962 mL
	<b>10 mM</b>	0.6798 mL	3.3990 mL	6.7981 mL

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

### Biological Activity

**Shortsummary** cell permeable inhibitor of  $\alpha$ -ketoglutarate-dependent enzymes, including JMJD2A, JMJD2C, and JMJD2E.

**IC<sub>50</sub> & Target**

**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 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](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)

