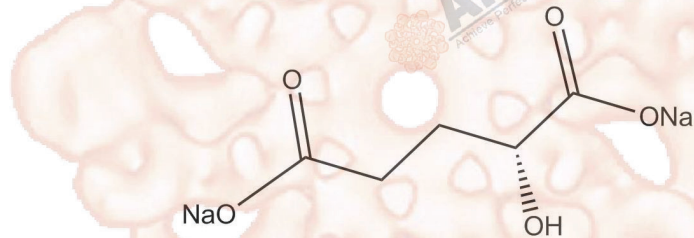


# Product Data Sheet

## Disodium (R)-2-Hydroxyglutarate

**Cat. No.:** B6018  
**CAS No.:** 103404-90-6  
**Formula:** C<sub>5</sub>H<sub>6</sub>Na<sub>2</sub>O<sub>5</sub>  
**M.Wt:** 192.08  
**Synonyms:**  
**Target:** Others  
**Pathway:** Others  
**Storage:** Store at -20°C



### Solvent & Solubility

≥9.1mg/mL in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		5.2062 mL	26.0308 mL	52.0616 mL
	5 mM		1.0412 mL	5.2062 mL	10.4123 mL
	10 mM		0.5206 mL	2.6031 mL	5.2062 mL

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

### Biological Activity

Shortsummary inhibitor of α-ketoglutarate-dependent dioxygenases

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 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.*

**APExBIO Technology**

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