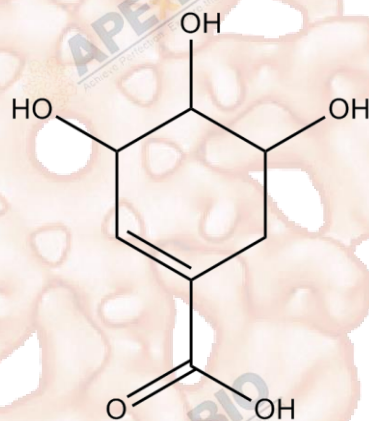


## Product Data Sheet

### Shikimic acid

**Cat. No.:** N1829  
**CAS No.:** 138-59-0  
**Formula:** C<sub>7</sub>H<sub>10</sub>O<sub>5</sub>  
**M.Wt:** 174.15  
**Synonyms:**  
**Target:** Natural Products  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

≥ 17.4 mg/mL in DMSO; ≥ 3.16 mg/mL in EtOH with ultrasonic; ≥ 30.15 mg/mL in H<sub>2</sub>O

In Vitro

	Solvent	Mass	1mg	5mg	10mg
Preparing Stock Solutions	Concentration				
	1 mM		5.7422 mL	28.7109 mL	57.4218 mL
	5 mM		1.1484 mL	5.7422 mL	11.4844 mL
	10 mM		0.5742 mL	2.8711 mL	5.7422 mL

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

### Biological Activity

Shortsummary

used for the biosynthesis of the aromatic amino acids

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. 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**

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