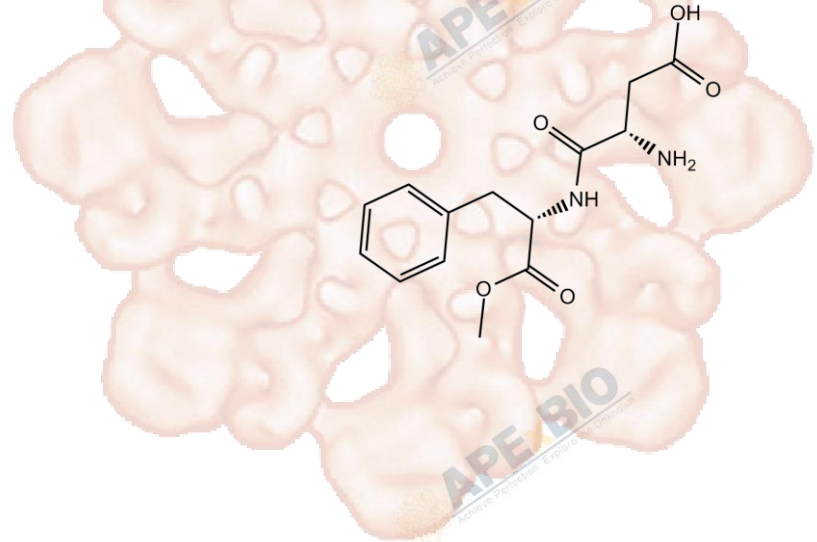


# Product Data Sheet

## Aspartame

**Cat. No.:** B1888  
**CAS No.:** 22839-47-0  
**Formula:** C<sub>14</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub>  
**M.Wt:** 294.3  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

insoluble in EtOH;  $\geq 11.8$  mg/mL in DMSO;  $\geq 2.24$  mg/mL in H<sub>2</sub>O with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	3.3979 mL	16.9895 mL	33.9789 mL
	<b>5 mM</b>	0.6796 mL	3.3979 mL	6.7958 mL
	<b>10 mM</b>	0.3398 mL	1.6989 mL	3.3979 mL

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

### Biological Activity

Shortsummary

non-saccharide sweetener

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. 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.

**APEX BIO Technology**

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