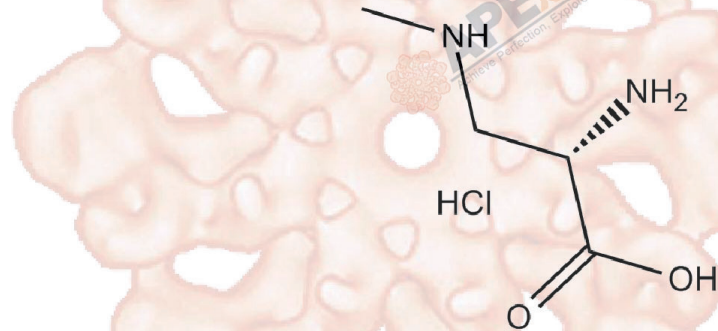


# Product Data Sheet

## L-BMAA hydrochloride

<b>Cat. No.:</b>	B7095
<b>CAS No.:</b>	16012-55-8
<b>Formula:</b>	C <sub>4</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub> ·HCl
<b>M.Wt:</b>	154.6
<b>Synonyms:</b>	
<b>Target:</b>	Neuroscience
<b>Pathway:</b>	GluR
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥27.4 mg/mL in DMSO; insoluble in EtOH; ≥21.3 mg/mL in H<sub>2</sub>O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	6.4683 mL	32.3415 mL	64.6831 mL
		<b>5 mM</b>	1.2937 mL	6.4683 mL	12.9366 mL
		<b>10 mM</b>	0.6468 mL	3.2342 mL	6.4683 mL

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

### Biological Activity

Shortsummary	Neurotoxic glutamate agonist	
IC <sub>50</sub> & Target		
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	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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