



#### Argininic acid

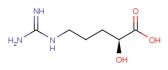
### **Chemical Properties**

CAS No.: 157-07-3

Formula: C6H13N3O3

Molecular Weight: 175.19
Appearance: N/A

Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



# **Biological Description**

| Description                | Argininic acid is an $\alpha$ -amino acid used in the biosynthesis of proteins. |  |
|----------------------------|---|--|
| Targets(IC <sub>50</sub> ) | Targets(IC <sub>50</sub> ) Human Endogenous Metabolite: None                    |  |

## **Solubility Information**

| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|
|------------|---|

#### **Preparing Stock Solutions**

|       | 1mg      | 5mg      | 10mg      |
|-------|----------|----------|-----------|
| 1 mM  | 5.708 mL | 28.54 mL | 57.081 mL |
| 5 mM  | 1.142 mL | 5.708 mL | 11.416 mL |
| 10 mM | 0.571 mL | 2.854 mL | 5.708 mL  |
| 50 mM | 0.114 mL | 0.571 mL | 1.142 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

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