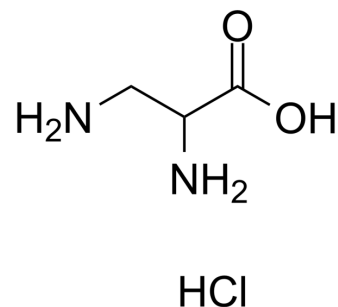


2,3-Diaminopropanoic acid hydrochloride

| | |
|--------------------|--|
| Cat. No.: | HY-W013674 |
| CAS No.: | 54897-59-5 |
| Molecular Formula: | C ₃ H ₉ ClN ₂ O ₂ |
| Molecular Weight: | 140.57 |
| Target: | Endogenous Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | 4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



SOLVENT & SOLUBILITY

| | | | | | |
|---|---|--------------------------|--------------|------------|------------|
| In Vitro | H ₂ O : 100 mg/mL (711.39 mM; Need ultrasonic) | | | | |
| | DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble) | | | | |
| | Preparing Stock Solutions | Solvent Concentration | Mass 1 mg | 5 mg | 10 mg |
| | | 1 mM | 7.1139 mL | 35.5695 mL | 71.1389 mL |
| | | 5 mM | 1.4228 mL | 7.1139 mL | 14.2278 mL |
| 10 mM | | 0.7114 mL | 3.5569 mL | 7.1139 mL | |
| Please refer to the solubility information to select the appropriate solvent. | | | | | |
| In Vivo | 1. Add each solvent one by one: PBS Solubility: 16.67 mg/mL (118.59 mM); Clear solution; Need ultrasonic | | | | |

BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | 2,3-Diaminopropanoic acid hydrochloride is an endogenous metabolite. |
|-------------|--|

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA