

Ammonium bicarbonate,AR,99%

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| Cat. No.: | HY-W093399 |
| CAS No.: | 1066-33-7 |
| Molecular Formula: | CH ₅ NO ₃ |
| Molecular Weight: | 79.06 |
| Target: | Biochemical Assay Reagents |
| Pathway: | Others |
| 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 | DMSO : 50 mg/mL (632.43 mM; Need ultrasonic) | | | | | |
| | Preparing Stock Solutions | Solvent | Mass | 1 mg | 5 mg | 10 mg |
| | | Concentration | | | | |
| | | 1 mM | | 12.6486 mL | 63.2431 mL | 126.4862 mL |
| | | 5 mM | | 2.5297 mL | 12.6486 mL | 25.2972 mL |
| 10 mM | | 1.2649 mL | 6.3243 mL | 12.6486 mL | | |
| Please refer to the solubility information to select the appropriate solvent. | | | | | | |
| In Vivo | <ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (31.62 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (31.62 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (31.62 mM); Clear solution | | | | | |

BIOLOGICAL ACTIVITY

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| Description | Ammonium bicarbonate is a bioactive chemical. |
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Caution: Product has not been fully validated for medical applications. For research use only.

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