

## Ammonium bicarbonate,AR,99%

Cat. No.:	HY-W093399
CAS No.:	1066-33-7
Molecular Formula:	CH <sub>5</sub> NO <sub>3</sub>
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	<div><div>Solvent</div><div>Concentration</div></div> <div>Mass</div>	1 mg	5 mg	10 mg
		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	1. 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				
	2. 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				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil				
	Solubility: ≥ 2.5 mg/mL (31.62 mM); Clear solution				

### BIOLOGICAL ACTIVITY

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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