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Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Ammonium bicarbonate,AR,99%

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	<table border="1"> <thead> <tr> <th>Solvent</th> <th>Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>Concentration</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1 mM</td> <td></td> <td>12.6486 mL</td> <td>63.2431 mL</td> <td>126.4862 mL</td> </tr> <tr> <td>5 mM</td> <td></td> <td>2.5297 mL</td> <td>12.6486 mL</td> <td>25.2972 mL</td> </tr> <tr> <td>10 mM</td> <td></td> <td>1.2649 mL</td> <td>6.3243 mL</td> <td>12.6486 mL</td> </tr> </tbody> </table>	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			
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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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