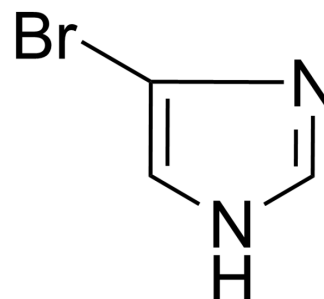


## 4-Bromo-1H-imidazole

<b>Cat. No.:</b>	HY-W002226		
<b>CAS No.:</b>	2302-25-2		
<b>Molecular Formula:</b>	C <sub>3</sub> H <sub>3</sub> BrN <sub>2</sub>		
<b>Molecular Weight:</b>	146.97		
<b>Target:</b>	Biochemical Assay Reagents		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (680.41 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
<b>Preparing Stock Solutions</b>	<b>1 mM</b>	6.8041 mL	34.0205 mL	68.0411 mL
	<b>5 mM</b>	1.3608 mL	6.8041 mL	13.6082 mL
	<b>10 mM</b>	0.6804 mL	3.4021 mL	6.8041 mL
Please refer to the solubility information to select the appropriate solvent.				
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 40% PEG300 &gt;&gt; 5% Tween-80 &gt;&gt; 45% saline Solubility: ≥ 2.5 mg/mL (17.01 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (17.01 mM); Clear solution</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (17.01 mM); Clear solution</li> </ol>			

### BIOLOGICAL ACTIVITY

<b>Description</b>	4-Bromo-1H-imidazole is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
<b>In Vitro</b>	Employed as an important intermediate for raw material for organic synthesis, agrochemical, pharmaceutical and dyestuff field MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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**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](mailto:tech@MedChemExpress.com)

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