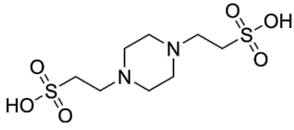


# PIPES

货号: **AYB26732**

## 产品信息

生物活性	PIPES (1,4-Piperazinediethanesulfonic acid) is an important component of PIPES buffer agent used in bioc hemistry.
CAS	5625-37-6
中文名称	
分子量	302.37
体外研究	<p>To prepare the pH PIPES buffer, 173 g of 1,4-piperazinediethanesulfonic acid are dissolved into 1 L of deionized water. The pH of the PIPES buffer is adjusted to 6.8 by adding pellets of sodium hydroxide. PIPES can be used to PIPES buffer, it can prevent the glutaraldehyde fixation induced lipid loss and artifacts.</p> <p><b>The accuracy of these methods have not been independently confirmed. They are for reference only.</b></p>
体内研究	
形式	Solid
运输条件	Room temperature in continental US; may vary elsewhere.
保存条件	

<p>溶解性</p>	<p>In Vitro:  <b>H<sub>2</sub>O : 5 mg/mL (16.54 mM);</b> ultrasonic and adjust pH to 7 with NaOH)</p> <p>配制储备液</p> <table border="1"> <thead> <tr> <th>浓度</th> <th>溶剂</th> <th>体积</th> <th>质量</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>3.3072 mL</td> <td>16.5360 mL</td> <td>33.0721 mL</td> </tr> <tr> <td>5 mM</td> <td>0.6614 mL</td> <td>3.3072 mL</td> <td>6.6144 mL</td> </tr> <tr> <td>10 mM</td> <td>0.3307 mL</td> <td>1.6536 mL</td> <td>3.3072 mL</td> </tr> </tbody> </table> <p>*</p> <p>请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液；一旦配成溶液，请分装保存，避免反复冻融造成的产品失效。</p> <p>储备液的保存方式和期限：-80°C, 6 months; -20°C, 1 month。-80°C 储存时，请在 6 个月内使用，-20°C 储存时，请在 1 个月内使用。</p> <p>In Vivo:      请根据您的<a href="#">实验动物和给药方式</a>选择适当的溶解方案。以下溶解方案都请先按照 <b>In Vitro</b> 方式配制澄清的储备液，再依次添加助溶剂：</p> <p>——为保证实验结果的可靠性，澄清的储备液可以根据储存条件，适当保存；体内实验的工作液，建议您现用现配，当天使用；以下溶剂前显示的百分比是指该溶剂在您配制终溶液中的体积占比；如在配制过程中出现沉淀、析出现象，可以通过加热和/或超声的方式助溶</p> <ul style="list-style-type: none"> <li>1. 请依序添加每种溶剂： PBS</li> </ul> <p>Solubility: 2 mg/mL (6.61 mM); Clear solution; Need ultrasonic</p> <p>*以上所有助溶剂都可在 MCE 网站选购。</p>	浓度	溶剂	体积	质量	1 mM	3.3072 mL	16.5360 mL	33.0721 mL	5 mM	0.6614 mL	3.3072 mL	6.6144 mL	10 mM	0.3307 mL	1.6536 mL	3.3072 mL
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<p>纯度</p>	<p>≥98.0%</p>																