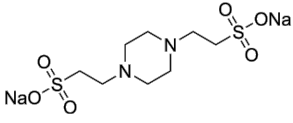


PIPES disodium

货号: **AYB26826**

产品信息

生物活性	PIPES (1,4-Piperazinediethanesulfonic acid) disodium is an important component of PIPES buffer agent used in biochemistry.																
CAS	76836-02-7																
中文名称																	
分子量	346.33																
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 disodium can be used to PIPES buffer, it can prevent the glutaraldehyde fixation induced lipid loss and artifacts.</p> <p>The accuracy of these methods have not been independently confirmed. They are for reference only.</p>																
体内研究																	
形式	Solid																
运输条件	Room temperature in continental US; may vary elsewhere.																
保存条件	4°C, sealed storage, away from moisture																
溶解性	<p>In Vitro: H₂O : 100 mg/mL (288.74 mM); Need ultrasonic)</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>2.8874 mL</td> <td>14.4371 mL</td> <td>28.8742 mL</td> </tr> <tr> <td>5 mM</td> <td>0.5775 mL</td> <td>2.8874 mL</td> <td>5.7748 mL</td> </tr> <tr> <td>10 mM</td> <td>0.2887 mL</td> <td>1.4437 mL</td> <td>2.8874 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 (sealed storage, away from moisture)。-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>	浓度	溶剂	体积	质量	1 mM	2.8874 mL	14.4371 mL	28.8742 mL	5 mM	0.5775 mL	2.8874 mL	5.7748 mL	10 mM	0.2887 mL	1.4437 mL	2.8874 mL
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纯度	≥98.0%																