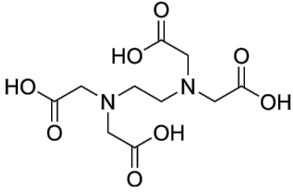


Ethylenediaminetetraacetic acid

货号: **AYB26704**



产品信息

生物活性	Ethylenediaminetetraacetic acid (EDTA) is a metal chelators (binds to metal divalent and trivalent cations including calcium), which shows activities of anticoagulant and anti-hypercalcemic. Ethylenediaminetetraacetic acid decreases the metal ion-catalyzed oxidative damage to proteins, and allows maintenance of reducing environment during protein purification . Ethylenediaminetetraacetic acid can also decrease the formation of disulfide bonds.																
CAS	60-00-4																
中文名称	乙二胺四乙酸																
分子量	292.24																
体外研究																	
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, protect from light, stored under nitrogen																
溶解性	<p>In Vitro: 0.1 M NaOH : 6.67 mg/mL (22.82 mM); ultrasonic and warming and adjust pH to 7 with NaOH and heat to 60°C)</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>3.4218 mL</td> <td>17.1092 mL</td> <td>34.2185 mg</td> </tr> <tr> <td>5 mM</td> <td>0.6844 mL</td> <td>3.4218 mL</td> <td>6.8437 mg</td> </tr> <tr> <td>10 mM</td> <td>0.3422 mL</td> <td>1.7109 mL</td> <td>3.4218 mg</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 (protect from light, stored under nitrogen)。-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	3.4218 mL	17.1092 mL	34.2185 mg	5 mM	0.6844 mL	3.4218 mL	6.8437 mg	10 mM	0.3422 mL	1.7109 mL	3.4218 mg
浓度	溶剂	体积	质量														
1 mM	3.4218 mL	17.1092 mL	34.2185 mg														
5 mM	0.6844 mL	3.4218 mL	6.8437 mg														
10 mM	0.3422 mL	1.7109 mL	3.4218 mg														
纯度	≥98.0%																