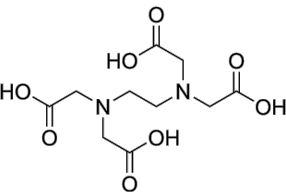


Ethylenediaminetetraacetic acid

货号: **B26704**



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																														
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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><tr><td>浓度</td><td>溶剂</td><td>体积</td><td>质量</td><td></td></tr><tr><td></td><td></td><td></td><td>1 mg</td><td>5 mg</td><td>10 mg</td></tr><tr><td>1 mM</td><td>3.4218 mL</td><td>17.1092 mL</td><td>34.2185 mL</td><td></td><td></td></tr><tr><td>5 mM</td><td>0.6844 mL</td><td>3.4218 mL</td><td>6.8437 mL</td><td></td><td></td></tr><tr><td>10 mM</td><td>0.3422 mL</td><td>1.7109 mL</td><td>3.4218 mL</td><td></td><td></td></tr></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 mg	5 mg	10 mg	1 mM	3.4218 mL	17.1092 mL	34.2185 mL			5 mM	0.6844 mL	3.4218 mL	6.8437 mL			10 mM	0.3422 mL	1.7109 mL	3.4218 mL		
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