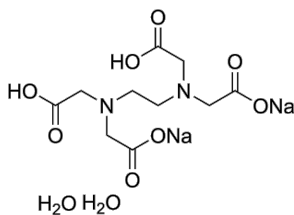


Ethylenediaminetetraacetic acid disodium dihydrate

货号: **B26766**

产品信息

生物活性	Ethylenediaminetetraacetic acid (EDTA) disodium dihydrate is a chelating agent used as a protease inhibitor and metal ion scavenger. Ethylenediaminetetraacetic acid disodium dihydrate is used extensively during protein purification . Ethylenediaminetetraacetic acid disodium dihydrate has been shown to be a non-effective molecule on cellulase activity. Ethylenediaminetetraacetic acid disodium dihydrate binds to metals including calcium and facilitates their excretion.																
CAS	6381-92-6																
中文名称	乙二胺四乙酸二钠二水合物																
分子量	372.24																
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, sealed storage, away from moisture																
溶解性	In Vitro: H₂O : 33.33 mg/mL (89.54 mM; Need ultrasonic) DMSO : (insoluble or slightly soluble) 配制储备液 <table><tr><th>浓度</th><th>溶剂</th><th>体积</th><th>质量</th></tr><tr><td>1 mM</td><td>2.6864 mL</td><td>13.4322 mL</td><td>26.8644 mL</td></tr><tr><td>5 mM</td><td>0.5373 mL</td><td>2.6864 mL</td><td>5.3729 mL</td></tr><tr><td>10 mM</td><td>0.2686 mL</td><td>1.3432 mL</td><td>2.6864 mL</td></tr></table> * 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。 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。	浓度	溶剂	体积	质量	1 mM	2.6864 mL	13.4322 mL	26.8644 mL	5 mM	0.5373 mL	2.6864 mL	5.3729 mL	10 mM	0.2686 mL	1.3432 mL	2.6864 mL
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纯度	≥98.0%																