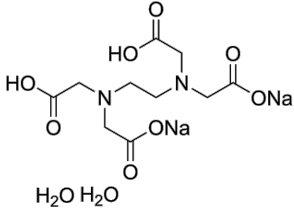


Ethylenediaminetetraacetic acid disodium dihydrate

货号: **AYB26766**



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 an ineffective 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 | | | | | | | | | | | | | | | | | | | | | |
| 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 : 33.33 mg/mL (89.54 mM; Need ultrasonic) DMSO : (insoluble or slightly soluble)</p> <p>配制储备液</p> <table border="1"> <thead> <tr> <th>浓度</th> <th>溶剂</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>2.6864 mL</td> <td>13.4322 mL</td> <td>26.8644 mL</td> <td></td> </tr> <tr> <td>5 mM</td> <td>0.5373 mL</td> <td>2.6864 mL</td> <td>5.3729 mL</td> <td></td> </tr> <tr> <td>10 mM</td> <td>0.2686 mL</td> <td>1.3432 mL</td> <td>2.6864 mL</td> <td></td> </tr> </tbody> </table> <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。 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 | 1 mg | 5 mg | 10 mg | 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 | |
| 浓度 | 溶剂 | 1 mg | 5 mg | 10 mg | | | | | | | | | | | | | | | | | |
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| 5 mM | 0.5373 mL | 2.6864 mL | 5.3729 mL | | | | | | | | | | | | | | | | | | |
| 10 mM | 0.2686 mL | 1.3432 mL | 2.6864 mL | | | | | | | | | | | | | | | | | | |
| 纯度 | ≥98.0% | | | | | | | | | | | | | | | | | | | | |