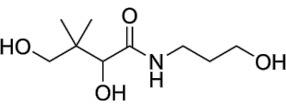


# DL-Panthenol

货号: B26965



## 产品信息

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |            |      |      |       |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------|------|-------|------|-------|------|-----------|------------|------------|--|--|--|------|-----------|-----------|-----------|--|--|--|-------|-----------|-----------|-----------|--|--|--|
| 生物活性  | DL-Panthenol (DL-Pantothenol) is an alcohol derivative of pantothenyl acid. DL-Panthenol exerts eyelash protection effect. DL-Panthenol is widely used in the Skin and hair conditioner research.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |            |      |      |       |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |
| CAS   | 16485-10-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |            |      |      |       |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |
| 中文名称  | DL-泛醇                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |            |      |      |       |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |
| 分子量   | 205.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |            |      |      |       |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |
| 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  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |            |      |      |       |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |
| 溶解性   | <p>In Vitro:</p> <p><b>H<sub>2</sub>O : 100 mg/mL (487.21 mM; Need ultrasonic)</b></p> <p><b>DMSO : ≥ 46 mg/mL (224.12 mM)</b></p> <p>*"≥" means soluble, but saturation unknown.</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>1 mg</td><td>5 mg</td><td>10 mg</td></tr><tr><td>1 mM</td><td>4.8721 mL</td><td>24.3605 mL</td><td>48.7211 mL</td><td></td><td></td><td></td></tr><tr><td>5 mM</td><td>0.9744 mL</td><td>4.8721 mL</td><td>9.7442 mL</td><td></td><td></td><td></td></tr><tr><td>10 mM</td><td>0.4872 mL</td><td>2.4361 mL</td><td>4.8721 mL</td><td></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℃, 6 months; -20℃, 1 month。-80℃ 储存时，请在 6 个月内使用，-20℃ 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 | 4.8721 mL | 24.3605 mL | 48.7211 mL |  |  |  | 5 mM | 0.9744 mL | 4.8721 mL | 9.7442 mL |  |  |  | 10 mM | 0.4872 mL | 2.4361 mL | 4.8721 mL |  |  |  |
| 浓度    | 溶剂                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 体积         | 质量         | 1 mg | 5 mg | 10 mg |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |
| 1 mM  | 4.8721 mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 24.3605 mL | 48.7211 mL |      |      |       |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |
| 5 mM  | 0.9744 mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.8721 mL  | 9.7442 mL  |      |      |       |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |
| 10 mM | 0.4872 mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.4361 mL  | 4.8721 mL  |      |      |       |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |
| 纯度    | ≥98.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |            |      |      |       |      |       |      |           |            |            |  |  |  |      |           |           |           |  |  |  |       |           |           |           |  |  |  |