

# Cremophor EL

货号: **AYB26664**

## Cremophor EL

### 产品信息

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| 生物活性 | Cremophor EL, a polyoxyethylene castor oil derivative, is a nonionic surfactant. Cremophor EL is widely employed to improve dissolution and delivery of drugs.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CAS  | 61791-12-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 中文名称 | 聚氧乙烯蓖麻油EL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 分子量  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 体外研究 | <p>Cremophor EL is a widely used excipient. In the first 10 h, Cremophor EL at 5 mg/mL increases the impedance, then decreases it, and after 20 h of treatment, epithelial cell death is detected. Cremophor EL decreases cell viability and increases cell toxicity more than RH40. Both epithelial viability and monolayer integrity are seriously impaired at 10 to 50 mg/mL concentrations of Cremophor EL at 24-h treatment. Cremophor EL also enhances cell detachment.</p> <p><b>The accuracy of these methods have not been independently confirmed. They are for reference only.</b></p> |
| 体内研究 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 形式   | Viscous liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 运输条件 | Room temperature in continental US; may vary elsewhere.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 保存条件 | 4°C, protect from light                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 溶解性  | In Vitro:<br><b>Ethanol : 50 mg/mL</b> (Need ultrasonic)<br><b>H<sub>2</sub>O : 25 mg/mL</b> (Need ultrasonic)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 纯度   | 99.52%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |