

产品名称：氨磷汀  
产品别名：Amifostine

| 生物活性:              |   |   |           |            |
|--------------------|---|---|-----------|------------|
| Description        | Amifostine is a broad-spectrum cytoprotection agent against the DNA damaging effects of ionizing radiation and chemotherapy drug.   |   |           |            |
| Solvent&Solubility | <b><i>In Vitro:</i></b><br><b>H<sub>2</sub>O : ≥ 40 mg/mL (186.72 mM)</b><br><b>DMF : &lt; 1 mg/mL (insoluble)</b><br><br>* "≥" means soluble, but saturation unknown.      |   |           |            |
|                    | Preparing<br><br>Stock Solutions  | <div>Solvent / Mass / Concentration</div> | 1 mg      | 5 mg       |
|                    |   | 1 mM                                      | 4.6681 mL | 23.3405 mL |
|                    |   | 5 mM                                      | 0.9336 mL | 4.6681 mL  |
|                    |   | 10 mM                                     | 0.4668 mL | 2.3340 mL  |
|                    | *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。<br><br>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。                         |   |           |            |
| References         | [1]. Kouvaris, J.R., V.E. Kouloulis, and L.J. Vlahos. <u>Amifostine: the first selective-target and broad-spectrum radioprotector</u> . Oncologist, 2007. 12(6): p. 738-47. |   |           |            |

源叶生物