

产品名称: **WS3**

产品别名:  **$\beta$  cell proliferation agonist WS3**

**生物活性:**

|                               |   |   |             |             |
|-------------------------------|---|---|-------------|-------------|
| <b>Description</b>            | $\beta$ cell proliferation agonist WS3 is a novel small molecule that promotes $\beta$ cell proliferation with EC50 of 28 nM(induced R7T1 proliferation).     |   |             |             |
| <b>Solvent&amp;Solubility</b> | <b><i>In Vitro:</i></b><br><b>DMSO : <math>\geq 43</math> mg/mL (75.49 mM)</b><br><br>* " $\geq$ " means soluble, but saturation unknown.                     |   |             |             |
|                               | <b>Preparing<br/>Stock Solutions</b>  | <div>Solvent / Mass / Concentration</div> | <b>1 mg</b> | <b>5 mg</b> |
|                               |   | 1 mM                                      | 1.7557 mL   | 8.7784 mL   |
|                               |   | 5 mM                                      | 0.3511 mL   | 1.7557 mL   |
|                               |   | 10 mM                                     | 0.1756 mL   | 0.8778 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°C, 6 months; -20°C, 1 month。 -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。 |   |             |             |
| <b>References</b>             | [1]. Shen W, et al. Small-molecule inducer of $\beta$ cell proliferation identified by high-throughput screening. J Am Chem Soc. 2013 Feb 6;135(5):1669-72.   |   |             |             |

源叶生物