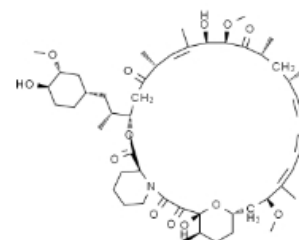


# Product Specification

## Reference Standards

|                     |                                         |
|---------------------|-----------------------------------------|
| 产品货号 / Cat No.      | SS9241                                  |
| 中文名称 / Chinese Name | 雷帕霉素                                    |
| 英文名称 / English Name | Sirolimus                               |
| CAS No.             | 53123-88-9                              |
| 分子式 / Formula       | $C_{51}H_{79}NO_{13}$                   |
| 分子量 / Molecular Wt. | 914.18                                  |
| 保存 / Storage        | -20°C (sealed storage, away from light) |



|                     |                                    |
|---------------------|------------------------------------|
| 外观 / Appearance     | 白色至类白色粉末/White to off-white Powder |
| 纯度 / Purity         | HPLC≥96%                           |
| 溶解性 / Solubility    | ≥5mg/mL in DMSO                    |
| 复检期 / Retest Period | 2 years                            |

### Note

储备液建议分装冻存,避免反复冻融(-20°C,1个月);稀释后的工作液建议现用现配/It is recommended to freeze the stock solution in several small portions to avoid repeated freezing and thawing (- 20 °C, 1 month); The working solution is recommended to be used immediately after dilution

### References

(See more information on <http://www.solarbio.com/>)  
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