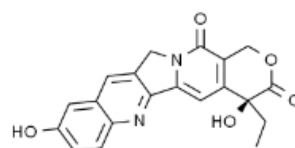


# Product Specification

## Reference Standards

产品货号 / Cat No.	SH8220
中文名称 / Chinese Name	10-羟基喜树碱
英文名称 / English Name	10-Hydroxycamptothecin, 10-Hydroxycamptothecin
CAS No.	19655-09-7
分子式 / Formula	$C_{20}H_{16}N_2O_5$
分子量 / Molecular Wt.	364.35, 364.35
保存 / Storage	2-8°C, 2-8°C (sealed storage, away from light)



外观 / Appearance	淡黄色至黄色粉末/Light yellow to yellow Powder, 淡黄色至黄色粉末/Light yellow to yellow
纯度 / Purity	HPLC≥98%
溶解性 / Solubility	≥10mg/mL in DMSO, ≥10mg/mL in DMSO
复检期 / Retest Period	2 years, 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

[1] 侯大勇. A Lysosome-Targeting Self-Condensation Prodrug-Nanoplatform System for Addressing Drug Resistance of Cancer. NANO LETTERS. (IF 11.1890)

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