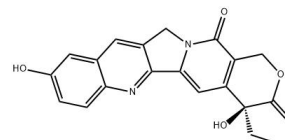


Technical Data Sheet

10-Hydroxycamptothecin

Compound Information

Product Name:	10-Hydroxycamptothecin
CAS No.:	19685-09-7
Molecular Formula:	C ₂₀ H ₁₆ N ₂ O ₅
Molecular Weight:	364.35
Storage:	Store at 2 - 8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	Yellow powder or yellow crystalline powder
Solubility	≥23.8 mg/mL in DMSO with gentle warming; insoluble in EtOH; insoluble in H ₂ O
Melting Point	265-270°C
LOD	≤ 5%
Related Substances	Maximum single impurity : ≤ 0.5%
Residue On Ignition	≤ 0.2%
Assay by titration	95 - 102%
Purity by HPLC	≥ 99.5%
Additional Information	(1). 8 µg/ml methanol solution Violet fluorescence color under 365 nm : Positive reaction (2). Add 0.4% NaOH solution Yellowish green fluorescence color : Positive reaction Add acetic acid to pH < 7.0 Fluorescence disappears, the solution turns to pale ye
NMR	Pass test

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