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Product Specifications

Catalogue Number 35337
Product **10-Hydroxycamptothecin**

(S)-10-Hydroxycamptothecin

CAS Number 19685-09-7

Molecular Formula C₂₀H₁₆N₂O₅

Molecular Weight 364.35

Appearance Yellow powder or yellow crystalline powder

Solubility Clear solution

Melting Point 260 - 270 °C

Loss on Drying ≤ 5%

Related Substances Maximum single impurity : ≤ 0.5%

Residue On Ignition ≤ 0.2%

Assay by titration 95 - 102%

Purity by HPLC ≥ 99.5%

Storage Store at 2 - 8 °C

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 yellow : Positive reaction
(3). 8 µg/ml methanol solution Maximal absorptions at 222 nm, 266 nm, 328 nm and 384 nm : Positive reaction

For Laboratory Use Only

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