



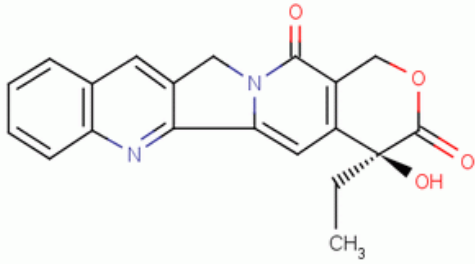
HANGZHOU DINGYAN CHEM CO., LTD

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CERTIFICATE OF ANALYSIS

NO: DYC021312102

Product name	Camptothecin
CAS Number	7689-03-4
Molecule Structure	
Molecule Formula	C16H23N5O4
Batch number	20130912
Manufacture Date	2013-09-12
Testing date	2013-09-12

Items	Standard	Result
Appearance	Yellowish crystals powder	Conforms
Assay (HPLC)	99%min	99.76%
Suphated ash	0.5%max	0.23%
Loss on drying	0.5%max	0.18%
Melting Point	259-263°C	260-261°C
Heavy Metals	10ppm max	Conforms
10-hydroxycamptothecin	0.2%max	0.03%
Total impurity (HPLC)	1.0%max	0.14%
Other individual impurity	0.2%max	Conforms

Hangzhou Dingyan Chem Co., Ltd.
QUALITY CONTROL: Xuefen Chen
Quality Control Signature

CHECK: 姚仙娟

INSPECTOR: 刘清风