

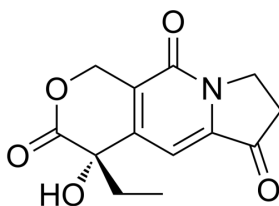
Exatecan Intermediate 1

Cat. No.:	HY-42487
CAS No.:	110351-94-5
Batch No.:	350808
Chemical Name:	1H-Pyrano[3,4-f]indolizine-3,6,10(4H)-trione, 4-ethyl-7,8-dihydro-4-hydroxy-, (4S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₃ H ₁₃ NO ₅
Molecular Weight:	263.25
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 2 years; -20°C, 1 year (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

	Specification	Result
Appearance:	Off-white to light brown (Solid)	Off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure	Consistent with structure
MS:	Consistent with structure	Consistent with structure
Related Substances:	HM-5828_13(NMT 0.10%)	N.D
	HM-582 8B(NMT 0.10%)	N.D
	Other impurities(NMT 0.10%)	N.D
	Total impurities(NMT 0.10%)	N.D
EE:	NLT 98.0%	100%
Water content:	NMT 0.50%	0.033%
Residue on Ignition:	NMT 0.50%	0.078%
Residual Solvents:	Dichloromethane(NMT600ppm)	N.D
	Methyl tert butyl ether(NMT5000ppm)	192 ppm
	Ethyl acetate(NMT5000ppm)	N.D
	Methylbenzene(NMT890ppm)	N.D
	Assay:	NLT 94.0%
Purity:	NLT 98.0%	100%
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA