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Product Datasheet

Irinotecan HCl, CAS [[136572-09-3]] FBM-10-2146

Artikelname	Irinotecan HCl, CAS [[136572-09-3]]
Artikelnummer	FBM-10-2146
Hersteller Artikelnummer	10-2146
Alternativnummer	FBM-10-2146-50MG,FBM-10-2146-250MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Topoisomerase I inhibitor...
Molekulargewicht	586.69 36.46 54.05
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[136572-09-3]
Formel	C33H38N4O6 HCl 3H2O
Anwendungsbeschreibung	Irinotecan is a semi-synthetic derivative of camptothecin that is an FDA approved anticancer drug. It is a prodrug that is converted by tissue esterases to 7-ethyl-10-hydroxycamptothecin (SN-38), a potent inhibitor of DNA topoisomerase I. ^{1,2} Although irinotecan is also a topoisomerase inhibitor, SN-38 is approximately 1000 times as potent in purified enzyme studies. In vitro cytotoxicity assays show much greater variability in potency between the two (2-2000 fold). ³