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Product Datasheet

SN-38, CAS [[86639-52-3]] FBM-10-2425

Article Name	SN-38, CAS [[86639-52-3]]
Biozol Catalog Number	FBM-10-2425
Supplier Catalog Number	10-2425
Alternative Catalog Number	FBM-10-2425-10MG, FBM-10-2425-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	DNA topoisomerase I inhibitor...
Molecular Weight	392.41
Purity	98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[86639-52-3]
Formula	C22H20N2O5
Application Notes	Active metabolite of CPT-11 that inhibits DNA topoisomerase I (IC50 values are 0.74 and 1.9 µM in P388 and Ehrlich cells respectively). Inhibits DNA and RNA synthesis (IC50 values are 0.077 and 1.3 µM respectively) but does not affect protein synthesis. Displays potent antitumor activity against a range of human tumor cell lines (IC50 values are 3.3, 13, 19 and 22 nM for HCT-116, BEL-7402, HL60 and HELA cells respectively).