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Product Datasheet

SN-38, CAS [[86639-52-3]]

FBM-10-2425

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| 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 μ M in P388 and Ehrlich cells respectively). Inhibits DNA and RNA synthesis (IC50 values are 0.077 and 1.3 μ M 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 HE LA cells respectively). |