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## Product Datasheet

### Topotecan HCl, CAS [[119413-54-6]] FBM-10-2479

|                            |                                                                                                                                                                                                                                                                                                                                                                                          |
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| Article Name               | Topotecan HCl, CAS [[119413-54-6]]                                                                                                                                                                                                                                                                                                                                                       |
| Biozol Catalog Number      | FBM-10-2479                                                                                                                                                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | 10-2479                                                                                                                                                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | FBM-10-2479-10MG, FBM-10-2479-50MG                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                       |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                           |
| Product Description        | DNA topoisomerase I inhibitor...                                                                                                                                                                                                                                                                                                                                                         |
| Molecular Weight           | 457.91                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity                     | >98% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                              |
| Form                       | Yellow solid                                                                                                                                                                                                                                                                                                                                                                             |
| CAS Number                 | [119413-54-6]                                                                                                                                                                                                                                                                                                                                                                            |
| Formula                    | C <sub>23</sub> H <sub>23</sub> N <sub>3</sub> O <sub>5</sub> HCl                                                                                                                                                                                                                                                                                                                        |
| Application Notes          | Topotecan HCl is a water-soluble and orally active analog of camptothecin, a DNA topoisomerase I inhibitor. <sup>1</sup> Inhibits topoisomerase I in human MCF-7 breast and DU-145 prostate cancer cells, IC <sub>50</sub> s = 13 and 2 nM respectively. <sup>2</sup> Downregulates B-Myb and MycN expression in neuroblastoma cells. <sup>3</sup> A clinically useful anticancer agent. |