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## Product Datasheet

**Dubermatinib, CAS [[1341200-45-0]]**  
**FBM-10-4679**

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Artikelname              | Dubermatinib, CAS [[1341200-45-0]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Artikelnummer            | FBM-10-4679                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Hersteller Artikelnummer | 10-4679                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Alternativnummer         | FBM-10-4679-5MG,FBM-10-4679-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Produktbeschreibung      | AXL inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Molekulargewicht         | 516.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reinheit                 | 98% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Formulierung             | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CAS Nummer               | [1341200-45-0]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formel                   | C24H30ClN7O2S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Anwendungsbeschreibung   | <p>Potent (IC<sub>50</sub> = 27 nM) inhibitor of the TAM family kinase AXL.<sup>1</sup> It displayed potent activity against the pancreatic tumor cell line PSN-1 (IC<sub>50</sub> = 6 nM). Dubermatinib also strongly inhibited the kinases Aurora A/B, JAK2, ABL1, and CHEK1. It induced apoptosis in chronic lymphocytic leukemia (CLL) cells and acted synergistically with BTK inhibitors against CLL cells.<sup>2</sup> It inhibited neuroblastoma cell growth and enhanced sensitivity to conventional chemotherapy.<sup>3</sup> Dubermatinib was also active in a drug-resistant acute myeloid leukemia model<sup>4</sup> and reduced metastasis and therapy resistance in pancreatic cancer models<sup>5</sup>.</p> |