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## Product Datasheet

### **SGC-iMLLT, CAS [[2255338-25-9]] FBM-10-4046**

|                          |                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | SGC-iMLLT, CAS [[2255338-25-9]]                                                                                                                                                                                                                                                                                                                                             |
| Artikelnummer            | FBM-10-4046                                                                                                                                                                                                                                                                                                                                                                 |
| Hersteller Artikelnummer | 10-4046                                                                                                                                                                                                                                                                                                                                                                     |
| Alternativnummer         | FBM-10-4046-5MG, FBM-10-4046-25MG                                                                                                                                                                                                                                                                                                                                           |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                          |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                              |
| Produktbeschreibung      | MLLT1/3 YEATS domain inhibitor...                                                                                                                                                                                                                                                                                                                                           |
| Molekulargewicht         | 388.48                                                                                                                                                                                                                                                                                                                                                                      |
| Reinheit                 | >98% HPLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                   |
| Formulierung             | Off-white to beige solid                                                                                                                                                                                                                                                                                                                                                    |
| CAS Nummer               | [2255338-25-9]                                                                                                                                                                                                                                                                                                                                                              |
| Formel                   | C22H24N6O                                                                                                                                                                                                                                                                                                                                                                   |
| Anwendungsbeschreibung   | Potent (IC <sub>50</sub> = 260 nM) inhibitor of the YEATS domain of MLLT1/3.1 YEATS domain containing proteins bind acetyl and crotonyl marks on histone tails. Selective against the two other human YEATS domains YEATS2/4 and 48 bromodomains. YEATS containing MLL-ENL leukemic cells display increased sensitivity to SGC-iMLLT versus control AML cells. <sup>2</sup> |