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## Product Datasheet

### Gilteritinib, CAS [[1254053-43-4]]

### FBM-10-4170

|                            |   |
|----------------------------|---|
| Article Name               | Gilteritinib, CAS [[1254053-43-4]]  |
| Biozol Catalog Number      | FBM-10-4170   |
| Supplier Catalog Number    | 10-4170   |
| Alternative Catalog Number | FBM-10-4170-5MG,FBM-10-4170-25MG  |
| Manufacturer               | Focus Biomolecules  |
| Category                   | Biochemikalien  |
| Product Description        | FLT3 inhibitor...   |
| Molecular Weight           | 552.72  |
| Purity                     | 98% by HPLC NMR (Conforms)  |
| Form                       | Off-white to pale pink solid  |
| CAS Number                 | [1254053-43-4]  |
| Formula                    | C <sub>29</sub> H <sub>44</sub> N <sub>8</sub> O <sub>3</sub>   |
| Application Notes          | Potent inhibitor of FLT3 (IC <sub>50</sub> = 5 nM, wild-type FLT3) with more potent activity against all FLT3 mutants. <sup>1</sup> It also potently inhibits Axl (IC <sub>50</sub> = 41 nM). Clinically useful in the treatment of acute myeloid leukemia. Gilteritinib has also been shown to inhibit glutamine uptake and utilization via downregulation of glutamine transporters. <sup>2</sup> |