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Product Datasheet

Ibrutinib FBM-10-4757

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| Article Name | Ibrutinib |
| Biozol Catalog Number | FBM-10-4757 |
| Supplier Catalog Number | 10-4757 |
| Alternative Catalog Number | FBM-10-4757-10MG,FBM-10-4757-50MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | BTK inhibitor... |
| Molecular Weight | 440.51 |
| Purity | 99% by HPLC NMR (Conforms) |
| Form | White or off-white solid |
| CAS Number | [936563-96-1] |
| Formula | C ₂₅ H ₂₄ N ₆ O ₂ |
| Application Notes | Ibrutinib (936563-96-1) is a very potent (IC ₅₀ = 0.5nM) irreversible inhibitor of Bruton tyrosine kinase (BTK) that blocks activation of the B-cell antigen receptor (BCR). ¹ Ibrutinib also potently inhibits several other kinases including BLK, BMS, FGR, EGFR, and ITK. It is a clinically useful drug to treat B cell cancers. It inhibits CLL cell migration and survival ^{2,3} and downregulates expression of CD204. It enhanced antitumor immune responses in combination with anti PD-L1 blockade via its inhibition of ITK (IL2-inducible T-cell kinase). ⁵ |