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## Product Datasheet

### Ibrutinib FBM-10-4757

Artikelname	Ibrutinib
Artikelnummer	FBM-10-4757
Hersteller Artikelnummer	10-4757
Alternativnummer	FBM-10-4757-10MG,FBM-10-4757-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	BTK inhibitor...
Molekulargewicht	440.51
Reinheit	99% by HPLC NMR (Conforms)
Formulierung	White or off-white solid
CAS Nummer	[936563-96-1]
Formel	C <sub>25</sub> H <sub>24</sub> N <sub>6</sub> O <sub>2</sub>
Anwendungsbeschreibung	Ibrutinib (936563-96-1) is a very potent (IC <sub>50</sub> = 0.5nM) irreversible inhibitor of Bruton tyrosine kinase (BTK) that blocks activation of the B-cell antigen receptor (BCR). <sup>1</sup> 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 <sup>2,3</sup> 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). <sup>5</sup>