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## Product Datasheet

### Dabrafenib FBM-10-1569

Artikelname	Dabrafenib
Artikelnummer	FBM-10-1569
Hersteller Artikelnummer	10-1569
Alternativnummer	FBM-10-1569-5MG,FBM-10-1569-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	B-Raf mutant inhibitor...
Molekulargewicht	519.56
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[1195765-45-7]
Formel	C23H20F3N5O2S
Anwendungsbeschreibung	Dabrafenib is a selective inhibitor of mutant B-RafV600E (IC <sub>50</sub> = 0.8 nM), with 4- and 6-fold reduced potency against wild type B-Raf and c-Raf (IC <sub>50</sub> = 3.2 and 5 nM, respectively). <sup>1</sup> Has been in clinical trials in patients with B-RafV600E metastatic melanoma and other solid tumors. Endoplasmic reticulum stress and autophagy are induced in melanoma cells after treatment with dabrafenib and protect cells from dabrafenib toxicity. <sup>2</sup> Induces epithelial differentiation in BRAF-mutant colorectal cancer cells. <sup>3</sup>