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## Product Datasheet

### Ponatinib FBM-10-5064

Artikelname	Ponatinib
Artikelnummer	FBM-10-5064
Hersteller Artikelnummer	10-5064
Alternativnummer	FBM-10-5064-5MG,FBM-10-5064-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Bcr-Abl and multikinase inhibitor...
Molekulargewicht	532.56
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[943319-70-8]
Formel	C <sub>29</sub> H <sub>27</sub> F <sub>3</sub> N <sub>6</sub> O
Anwendungsbeschreibung	Highly potent pan-Bcr-Abl and multikinase inhibitor, suppressing the activity of native Bcr-Abl (IC <sub>50</sub> =0.37 nM) as well as the mutants T315I (IC <sub>50</sub> =2 nM), Q252H (IC <sub>50</sub> =0.44 nM), Y253F (IC <sub>50</sub> =0.3 nM), M351T (IC <sub>50</sub> =0.3 nM) and H396P (IC <sub>50</sub> =0.34 nM). <sup>1</sup> Also inhibits PDGFR, c-Src and c-Kit (IC <sub>50</sub> =1.1, 5.4 and 12.5 nM respectively) <sup>2</sup> as well as FGFR-mediated signaling (IC <sub>50</sub> <40 nM) <sup>3</sup> . Protects against influenza A virus-induced death by suppressing cytokine storm in mouse models. <sup>4</sup>