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## Product Datasheet

### AZD1208, CAS [[1204144-28-4]] FBM-10-4781

Artikelname	AZD1208, CAS [[1204144-28-4]]
Artikelnummer	FBM-10-4781
Hersteller Artikelnummer	10-4781
Alternativnummer	FBM-10-4781-5MG,FBM-10-4781-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	pan-PIM kinase inhibitor...
Molekulargewicht	379.48
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[1204144-28-4]
Formel	C <sub>21</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub> S
Anwendungsbeschreibung	AZD1208 is a highly selective and potent pan-PIM kinase inhibitor (IC <sub>50</sub> = 3 nM PIM1, 150 nM PIM2, 9 nM PIM3). <sup>1</sup> Displayed efficacy in models of acute myeloid leukemia <sup>2</sup> , prostate cancer <sup>3</sup> , and triple-negative breast cancer <sup>4</sup> . Combination treatment of AZD1208 and imatinib eliminated chronic myelogenous leukemia stem cells in cell culture and a patient-derived mouse xenograft model. <sup>5</sup> It improved immunotherapeutic antitumor T-cell response <sup>6</sup> and disrupted the myeloid cell-mediated immunosuppressive tumor microenvironment increasing T-cell-mediated antitumor immunity.