

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### AZD1208 FBM-10-4781

Article Name	AZD1208
Biozol Catalog Number	FBM-10-4781
Supplier Catalog Number	10-4781
Alternative Catalog Number	FBM-10-4781-5MG,FBM-10-4781-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	pan-PIM kinase inhibitor...
Molecular Weight	379.48
Purity	98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[1204144-28-4]
Formula	C <sub>21</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub> S
Application Notes	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.