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## Product Datasheet

### Defactinib, CAS [[1073154-85-4]] FBM-10-4828

Article Name	Defactinib, CAS [[1073154-85-4]]
Biozol Catalog Number	FBM-10-4828
Supplier Catalog Number	10-4828
Alternative Catalog Number	FBM-10-4828-5MG,FBM-10-4828-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	FAK inhibitor...
Molecular Weight	510.50
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1073154-85-4]
Formula	C20H21F3N8O3S
Application Notes	Defactinib (1073154-85-4) is a potent inhibitor of FAK (IC50 = 0.6nM) and Pyk2 (IC50 = 0.6nM). <sup>1</sup> It is active in vivo (EC50 = 26nM). FAK inhibition prevents tumor invasion and dissemination rather than tumor size reduction. Defactinib has been shown to preferentially target cancer stem cells in a mouse xenograft model of triple negative breast cancer. <sup>2</sup> It is in multiple clinical trials for various cancers <sup>3</sup> and in shows synergistic activity when used in combination with checkpoint immunotherapy 4-6.