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## Product Datasheet

### **SX-682, CAS [[1648843-04-2]]** **FBM-10-4925**

Article Name	SX-682, CAS [[1648843-04-2]]
Biozol Catalog Number	FBM-10-4925
Supplier Catalog Number	10-4925
Alternative Catalog Number	FBM-10-4925-5MG, FBM-10-4925-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CXCR1/2 inhibitor...
Molecular Weight	467.20
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1648843-04-2]
Formula	C19H14BF4N3O4S
Application Notes	SX-682 is a novel CXCR1/2 inhibitor (IC50s: CXCR1 = 42 nM, CXCR2 = 20 nM) <sup>1</sup> . It displayed robust synergistic activity with immune checkpoint blockade against castration resistant prostate cancer. <sup>2</sup> It significantly reduced tumor burden in a Pten <sup>fl/fl</sup> /Lkb1 <sup>fl/fl</sup> mouse model of lung squamous cell cancer when used in combination with anti-PD1 therapy. <sup>3</sup> SX-682 significantly inhibited trafficking of neutrophilic myeloid-derived suppressor cells (PMN-MDSCs) enhancing anti-PD1 immune checkpoint blockade, T cell-based immunotherapy, and NK-cell immunotherapy. <sup>4,5</sup>