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## Product Datasheet

### **TJ-M2010-5, CAS [[1357471-57-8]]** **FBM-10-4919**

Article Name	TJ-M2010-5, CAS [[1357471-57-8]]
Biozol Catalog Number	FBM-10-4919
Supplier Catalog Number	10-4919
Alternative Catalog Number	FBM-10-4919-5MG, FBM-10-4919-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	MyD88 inhibitor...
Molecular Weight	406.55
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1357471-57-8]
Formula	C23H26N4OS
Application Notes	TJ-M2010-5 is an inhibitor of the toll-like receptor(TLR)/adaptor molecule myeloid differentiation factor 88 (MyD88) signaling pathway, crucial for inflammation and associated with the development of many inflammation-related cancers. <sup>1</sup> It ameliorates ischemia-reperfusion injury in various organ models including brain <sup>2</sup> , liver <sup>3</sup> , and heart <sup>4</sup> . TJ-M2010-5 also suppressed proliferation, migration, and invasion in MCF-7 and MDA-MB-231 breast cancer cells. <sup>5</sup> It prevented colitis-associated colorectal cancer by impairing myeloid-derived suppressor cells. <sup>6</sup>