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Product Datasheet

ONX-0914 FBM-10-5885

Article Name	ONX-0914
Biozol Catalog Number	FBM-10-5885
Supplier Catalog Number	10-5885
Alternative Catalog Number	FBM-10-5885-1MG, FBM-10-5885-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Immunoproteasome inhibitor...
Molecular Weight	580.68
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
Formula	C ₃₁ H ₄₀ N ₄ O ₇
Application Notes	ONX-0914 (960374-59-8) is a selective inhibitor of the LMP7 subunit of the immunoproteasome (IC ₅₀ = 65 nM for mouse) which is the chymotrypsin-like subunit. ¹ Treatment with ONX-0914 resulted in suppression of Th1 and Th17 cells but enhancement of regulatory T cell differentiation in mouse models of induced colitis. ² ONX-0914 retards rheumatoid arthritis progression ³ , ameliorates diabetic cardiomyopathy ⁴ and attenuates atherosclerosis and metabolic syndrome in mice ⁵ .