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## Product Datasheet

**IU1, CAS [[314245-33-5]]**

**FBM-10-1197**

Article Name	IU1, CAS [[314245-33-5]]
Biozol Catalog Number	FBM-10-1197
Supplier Catalog Number	10-1197
Alternative Catalog Number	FBM-10-1197-10MG, FBM-10-1197-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	USP14 inhibitor...
Molecular Weight	300.38
Purity	98% by TLC, NMR (Conforms)
Form	Beige solid
CAS Number	[314245-33-5]
Formula	C18H21FN2O
Application Notes	Selective inhibitor of Usp14 (IC50<4 μM). Enhances proteasome activity and substrate proteolysis. <sup>1,2</sup> Inhibits Dengue virus replication. <sup>3</sup> In prion-infected CAD5 cells activation of the ubiquitin proteasome system by IU1 is sufficient to induce clearance of polyubiquitinated substrates and reduce misfolded prion protein load. <sup>4</sup> Attenuates ischemia/reperfusion-induced neuronal injury in a mouse model. <sup>5</sup> Cell permeable.