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Product Datasheet

UCF-101, CAS [[313649-08-0]] FBM-10-1544

Article Name	UCF-101, CAS [[313649-08-0]]
Biozol Catalog Number	FBM-10-1544
Supplier Catalog Number	10-1544
Alternative Catalog Number	FBM-10-1544-5MG, FBM-10-1544-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Omi/HtrA2 protease inhibitor...
Molecular Weight	495.51
Purity	98% by TLC
Form	Orange solid
CAS Number	[313649-08-0]
Formula	C27H17N3O5S
Application Notes	UCF-101 is a potent, specific, competitive, and reversible inhibitor of the pro-apoptotic, mitochondrial serine protease Omi/HtrA2 (IC ₅₀ = 9.5 µM for His-Omi134-458). Shows very little activity against various other serine proteases tested (IC ₅₀ 200 µM). ¹ Mitigates streptozotocin-induced cardiomyocyte dysfunction. ² Protects against cerebral oxidative injury and cognitive impairment in a rat model. ³ Cell permeable.