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Product Datasheet

HET0016 FBM-10-5246

Article Name	HET0016
Biozol Catalog Number	FBM-10-5246
Supplier Catalog Number	10-5246
Alternative Catalog Number	FBM-10-5246-5MG,FBM-10-5246-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	20-HETE biosynthesis inhibitor...
Molecular Weight	206.29
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[339068-25-6]
Formula	C12H18N2O
Application Notes	HET0016 (339068-25-6) inhibits 20-hydroxyeicosatetraenoic acid (20-HETE) biosynthesis via omega oxidation of arachidonic acid mediated by CYP4A and 4F (IC50=8.9 nM in human renal microsomes).¹ It displays neuroprotective effects in a rat model of traumatic brain injury via inhibition of neuronal pyroptosis.² HET0016 attenuates cerebral ischemia-reperfusion injury³ as well as oxidative injury and peripheral nerve damage in type-2 diabetic mice⁴. It alleviates myocardial oxidative stress⁵ and restores endothelial function suggesting therapeutic potential in obesity-associated vascular disease⁶.