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Product Datasheet

TPPU, CAS [[1222780-33-7]] FBM-10-3451

Article Name	TPPU, CAS [[1222780-33-7]]
Biozol Catalog Number	FBM-10-3451
Supplier Catalog Number	10-3451
Alternative Catalog Number	FBM-10-3451-5MG,FBM-10-3451-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Soluble epoxide hydrolase inhibitor...
Molecular Weight	359.35
Purity	>98% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[1222780-33-7]
Formula	C16H20F3N3O3
Application Notes	TPPU is a potent and selective inhibitor of both murine and human soluble epoxide hydrolase, IC ₅₀ =2.8 and 3.7 nM respectively. ¹ It alleviated blood brain barrier damage and attenuated neuronal injury in a mouse intracerebral hemorrhage model ² and displays neuroprotective effects in ischemic injury ³ . It reduces neuroinflammation in a mouse model of Alzheimers disease. ⁴ It improves insulin resistance and reduced hypertension in mouse models. ⁵ Cell permeable and active in vivo.