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Product Datasheet

GPI-16552, CAS [[443794-40-9]] **FBM-10-1502**

Article Name	GPI-16552, CAS [[443794-40-9]]
Biozol Catalog Number	FBM-10-1502
Supplier Catalog Number	10-1502
Alternative Catalog Number	FBM-10-1502-5MG, FBM-10-1502-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PARG inhibitor...
Molecular Weight	502.62
Purity	98% by TLC, NMR (conforms)
Form	Pale yellow solid
CAS Number	[443794-40-9]
Formula	C33H30N2O3
Application Notes	A novel potent inhibitor of poly(ADP-ribose) glycohydrolase (PARG), IC50=1.7 µM1. Pre or post ischemia treatment (40 mg/kg) with GPI-16552 reduces brain infarct volumes in a rat model of cerebral ischemia2. It modulates the inflammatory response to ischemia/reperfusion in a rat splanchnic artery occlusion model3 and reduces the degree of spinal cord inflammation and tissue injury after experimental spinal cord trauma4. Synergizes with temozolomide in decreasing melanoma cell invasion and metastatic spreading in mice injected with B16 melanoma cells5.