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Product Datasheet

AP39, CAS [[1429173-57-8]] FBM-10-3916

Article Name	AP39, CAS [[1429173-57-8]]
Biozol Catalog Number	FBM-10-3916
Supplier Catalog Number	10-3916
Alternative Catalog Number	FBM-10-3916-5MG, FBM-10-3916-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondria-targeted hydrogen sulfide donor...
Molecular Weight	721.77
Purity	>98% by TLC NMR (Conforms)
Form	Orange solid
CAS Number	[1429173-57-8]
Formula	C37H38BrO2PS3
Application Notes	Mitochondrially targeted hydrogen sulfide donor. At lower concentrations (30 -100 nM), it acts as an electron donor and stimulator of mitochondrial electron transport and ATP production. AP39 displayed antioxidant and cytoprotective effects in oxidatively stressed endothelial cells. ¹ It displayed protective effects in various pathological states including renal injury ^{2,3} , Alzheimers ⁴ , ischemia ⁵ , and reperfusion injury ⁶ . Improves outcomes in subnormothermic organ preservation models. ^{7,8}