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Product Datasheet

Siramesine, CAS [[147817-50-3]] FBM-10-4202

Article Name	Siramesine, CAS [[147817-50-3]]
Biozol Catalog Number	FBM-10-4202
Supplier Catalog Number	10-4202
Alternative Catalog Number	FBM-10-4202-5MG,FBM-10-4202-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Sigma-2 agonist...
Molecular Weight	454.59
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[147817-50-3]
Formula	C30H31FN2O
Application Notes	Siramesine (Lu 28-179) is a σ_2 selective agonist (IC50s: σ_1 = 17nM, σ_2 = 0.2nM). ¹ It produced non-sedating potent and long-last anxiolytic effects in rodents. ² Siramesine induced caspase-independent programmed cell death in various cancer cell lines via increased levels of ROS and lysosomal leakage. ^{3,4,5} Mitochondrial destabilization via loss of membrane potential and increased ROS has also been offered as a mechanism of action for the triggering of cell death by Siramesine. ⁶