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Product Datasheet

AA43279, CAS [[354812-16-1]]

FBM-10-3503

Article Name	AA43279, CAS [[354812-16-1]]
Biozol Catalog Number	FBM-10-3503
Supplier Catalog Number	10-3503
Alternative Catalog Number	FBM-10-3503-5MG, FBM-10-3503-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Nav 1.1 activator...
Molecular Weight	248.30
Purity	97% by TLC NMR (Conforms)
Form	Tan solid
CAS Number	[354812-16-1]
Formula	C12H12N2O2S
Application Notes	Selective Nav1.1activator. In HEK-293 cells expressing human Nav1.1 channels AA43279 increased the Nav1.1-mediated current in a concentration dependent manner (EC50=9.5 µM). In rat hippocampal brain slices it increased the firing activity parvalbumin-expressing, fast-spiking GABAergic interneurons and increased the spontaneous inhibitory post-synaptic currents recorded from pyramidal neurons. It displayed anticonvulsant activity in vivo. Important tool compound for exploring the physiology of Nav1.1 channels. ¹