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Product Datasheet

NS 1619

FBM-10-4643

Article Name	NS 1619
Biozol Catalog Number	FBM-10-4643
Supplier Catalog Number	10-4643
Alternative Catalog Number	FBM-10-4643-5MG,FBM-10-4643-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective KCa1.1 activator...
Molecular Weight	362.23
Purity	98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[153587-01-0]
Formula	C15H8F6N2O2
Application Notes	NS 1619 is a selective activator of large conductance Ca(2+)-dependent potassium channels (BKCa or KCa1.1). ^{1,2} It was able to increase blood-brain tumor barrier permeability in rat brain tumor models. ^{3,4} NS 1619 inhibited proliferation and induced apoptosis in A2780 ovarian cancer cells. ⁵ Displays cardioprotective effects in an ischemia-reperfusion model ⁶ and neuroprotective effects in a traumatic brain injury model ⁷ .