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Product Datasheet

C2230 FBM-10-4955

Article Name	C2230
Biozol Catalog Number	FBM-10-4955
Supplier Catalog Number	10-4955
Alternative Catalog Number	FBM-10-4955-5MG,FBM-10-4955-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cav2.2 channel blocker...
Molecular Weight	321.46
Purity	>98% by TLC, NMR (Conforms)
Form	White to off-white waxy solid
CAS Number	[882243-88-1]
Formula	C19H31NO3
Application Notes	C2230 is a novel Cav2.2 channel blocker (IC ₅₀ = 1.3 µM -50 mV, 10.2 µM -80 mV) with a unique binding mode (no GPCR-mediated inhibition). It displays preferential binding to the inactive state of the channel. C2230 is active in both rat and human DRG neurons. Active in rat models of neuropathic pain and mouse models of osteoarthritis. C2230 does not affect somatosensation or motor and cardiac function.