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Product Datasheet

ANP-230, CAS [[1233231-30-5]] FBM-10-3991

Article Name	ANP-230, CAS [[1233231-30-5]]
Biozol Catalog Number	FBM-10-3991
Supplier Catalog Number	10-3991
Alternative Catalog Number	FBM-10-3991-5MG,FBM-10-3991-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Nav1.7, 1.8, 1.9 blocker...
Molecular Weight	419.41
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1233231-30-5]
Formula	C20H20F3N5O2
Application Notes	ANP-230 is a state-independent selective inhibitor of sodium channels Nav1.7, 1.8, and 1.9 (IC50s respectively: 7.1 µM, 11.4 µM, and 6.7 µM). ¹ Selective over the cardiac Nav1.5 channel (IC50 = 156 µM). It potently reduced neuronal excitability in rat DRG neurons. ³ ANP-230 reduced pain sensitivity in a mouse episodic pain syndrome model. ² It demonstrated efficacy in several models of neuropathic and inflammatory pain with no motor function impairment. ³ It also potentiated the anti-allodynic effects of pregabalin and morphine when administered concurrently. ³