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Product Datasheet

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

Artikelname	ANP-230, CAS [[1233231-30-5]]
Artikelnummer	FBM-10-3991
Hersteller Artikelnummer	10-3991
Alternativnummer	FBM-10-3991-5MG, FBM-10-3991-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Nav1.7, 1.8, 1.9 blocker...
Molekulargewicht	419.41
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1233231-30-5]
Formel	C20H20F3N5O2
Anwendungsbeschreibung	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