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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 $\mu$ M, 11.4 $\mu$ M, and 6.7 $\mu$ M). <sup>1</sup> Selective over the cardiac Nav1.5 channel (IC50 = 156 $\mu$ M). It potently reduced neuronal excitability in rat DRG neurons. <sup>3</sup> ANP-230 reduced pain sensitivity in a mouse episodic pain syndrome model. <sup>2</sup> It demonstrated efficacy in several models of neuropathic and inflammatory pain with no motor function impairment. <sup>3</sup> It also potentiated the anti-allodynic effects of pregabalin and morphine when administered concurrently. <sup>3</sup>