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Product Datasheet

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

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| 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 |