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Product Datasheet

PF-05089771, CAS [[1235403-62-9]]
FBM-10-3990

Article Name	PF-05089771, CAS [[1235403-62-9]]
Biozol Catalog Number	FBM-10-3990
Supplier Catalog Number	10-3990
Alternative Catalog Number	FBM-10-3990-5MG,FBM-10-3990-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective Nav1.7 channel blocker...
Molecular Weight	500.34
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1235403-62-9]
Formula	C18H12Cl2FN5O3S2
Application Notes	Potent and selective inhibitor of the voltage gated sodium channel 1.7 (Nav1.7). ^{1,3} It is a state-dependent inhibitor with IC ₅₀ = 11 nM for the half-inactivated channels and IC ₅₀ ~ 10 μM for resting channels. ¹ Equipotent for human, monkey, dog, and mouse channels but 15x less potent for rat channels. Interacts equally with fast and slow inactivated Nav1.7 channels. ²