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Product Datasheet

GFB-8438, CAS [[2304549-73-1]]

FBM-10-4270

Article Name	GFB-8438, CAS [[2304549-73-1]]
Biozol Catalog Number	FBM-10-4270
Supplier Catalog Number	10-4270
Alternative Catalog Number	FBM-10-4270-5MG, FBM-10-4270-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective TRPC5 inhibitor...
Molecular Weight	386.76
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[2304549-73-1]
Formula	C16H14ClF3N4O2
Application Notes	GFB-8438 is a potent (IC ₅₀ = 180 nM Qpatch and 280 nM whole cells) and selective inhibitor of TRPC4 and 5. It displayed excellent selectivity against other TRP family members as well as NaV1.5, 50 kinases and 87 other receptor targets along with good pharmacokinetic properties. GFB-8438 protected mouse podocytes from injury induced by protamine sulfate and demonstrated efficacy in a hypertensive DOCA-salt rat model suggesting potential therapeutic use for the treatment of chronic kidney disease.