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Product Datasheet

GSK-1016790A, CAS [[942206-85-1]]

FBM-10-1198

Article Name	GSK-1016790A, CAS [[942206-85-1]]
Biozol Catalog Number	FBM-10-1198
Supplier Catalog Number	10-1198
Alternative Catalog Number	FBM-10-1198-5MG, FBM-10-1198-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TRPV4 channel blocker...
Molecular Weight	655.62
Purity	98% by TLC, NMR (Conforms)
Form	white solid
CAS Number	[942206-85-1]
Formula	C28H32Cl2N4O6S2
Application Notes	A novel and potent TRPV4 channel agonist. GSK1016790A induced Ca ²⁺ influx in mouse and human TRPV4 expressing HEK cells (EC ₅₀ values of 18 and 2.1 nM, respectively), and evoked a dose-dependent activation of TRPV4 whole-cell currents at concentrations above 1 nM. It is 300-fold more potent than 4alpha-PDD and is a valuable tool for investigating the role of TRPV4 in physiological processes.