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Product Datasheet

GSK-1702934A FBM-10-1445

Artikelname	GSK-1702934A
Artikelnummer	FBM-10-1445
Hersteller Artikelnummer	10-1445
Alternativnummer	FBM-10-1445-5MG,FBM-10-1445-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	TRPC3/6 activator...
Molekulargewicht	396.53
Reinheit	98% by TLC (5% CH ₃ OH in CH ₂ Cl ₂ R _f =0.34)
Formulierung	White solid
CAS Nummer	[924377-85-5]
Formel	C ₂₂ H ₂₆ N ₃ O ₂ S
Anwendungsbeschreibung	TRPC3 activator. In whole-cell patch-clamp experiments in HEK293 cells transduced with recombinant human TRPC3 or TRPC6, GSK-1702934A activated the TRPC3 and TRPC6 current with EC ₅₀ of 0.08 μM and 0.44 μM respectively. In the rat cardiomyocyte-like cell line H9C2 GSK-1702934A (1μM) activated TRPC6-like current and was completely blocked by GSK-417651A. It transiently increased the perfusion pressure of isolated rat heart retrogradely perfused via aortic cannulation at 1μM. ¹ Induces pro-arrhythmic and inotropic effects in TRPC3-overexpressing monocytes. ²