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Product Datasheet

HC-067047
FBM-10-1480

Artikelname	HC-067047
Artikelnummer	FBM-10-1480
Hersteller Artikelnummer	10-1480
Alternativnummer	FBM-10-1480-5MG,FBM-10-1480-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	TRPV4 blocker...
Molekulargewicht	471.51
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	white solid
CAS Nummer	[883031-03-6]
Formel	C26H28F3N3O2
Anwendungsbeschreibung	Potent reversible and selective TRPV4 antagonist. Active at mouse, human and rat TRPV4, IC50 = 17, 48 and 133 nM respectively. Also inhibits the endogenous TRPV4-mediated response to 4alpha-PDH (IC50 = 22 nM). Selective for TRPV4 over TRPV1, TRPV2, TRPV3 and TRPM8 channels ¹ . Increases functional bladder capacity and reduces micturition frequency in mice and rats with cystitis ¹ . Inhibits brain edema in middle cerebral artery occlusion mice ² . Induces an increase in core body temperature accompanied by increased oxygen consumption in Wistar rats ³ . Active in vivo.