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Product Datasheet

HC-067047, CAS [[883031-03-6]] FBM-10-1480

Article Name	HC-067047, CAS [[883031-03-6]]
Biozol Catalog Number	FBM-10-1480
Supplier Catalog Number	10-1480
Alternative Catalog Number	FBM-10-1480-5MG,FBM-10-1480-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TRPV4 blocker...
Molecular Weight	471.51
Purity	98% by TLC, NMR (Conforms)
Form	white solid
CAS Number	[883031-03-6]
Formula	C26H28F3N3O2
Application Notes	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.