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## Product Datasheet

**HC-067047**  
**FBM-10-1480**

Article Name	HC-067047
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	C <sub>26</sub> H <sub>28</sub> F <sub>3</sub> N <sub>3</sub> O <sub>2</sub>
Application Notes	Potent reversible and selective TRPV4 antagonist. Active at mouse, human and rat TRPV4, IC <sub>50</sub> = 17, 48 and 133 nM respectively. Also inhibits the endogenous TRPV4-mediated response to 4α-PDH (IC <sub>50</sub> = 22 nM). Selective for TRPV4 over TRPV1, TRPV2, TRPV3 and TRPM8 channels <sup>1</sup> . Increases functional bladder capacity and reduces micturition frequency in mice and rats with cystitis <sup>1</sup> . Inhibits brain edema in middle cerebral artery occlusion mice <sup>2</sup> . Induces an increase in core body temperature accompanied by increased oxygen consumption in Wistar rats <sup>3</sup> . Active in vivo.