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## Product Datasheet

### **SKF-96365, CAS [[130495-35-1]] FBM-10-1068**

Artikelname	SKF-96365, CAS [[130495-35-1]]
Artikelnummer	FBM-10-1068
Hersteller Artikelnummer	10-1068
Alternativnummer	FBM-10-1068-5MG,FBM-10-1068-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	TRPC channel blocker...
Molekulargewicht	366.4636.46
Reinheit	98% by TLC, NMR Conforms
Formulierung	White solid
CAS Nummer	[130495-35-1]
Formel	C22H26N2O3 HCl

Anwendungsbeschreibung

SKF-96365 (130495-35-1) was originally described as a selective blocker of receptor-mediated calcium entry (RMCE),  $IC_{50}$ s= 8.5 and 11.7  $\mu$ M for ADP- and thrombin-stimulated platelets respectively.<sup>1</sup> TRPC channels have been shown to mediate RMCE<sup>2</sup> and are believed to be the major target of SKF3. In rat vascular smooth muscle Ca entry was reduced by 10  $\mu$ M SKF which was attributed to TRPC3.<sup>4</sup> It has also been shown to inhibit L-type Ca channels.<sup>1</sup> More recently it has been demonstrated to be a potent blocker of LVA hCaV3.1 T-type Ca channels,  $IC_{50}$ =563 nM (state independent).<sup>5</sup> Thus caution should be exercised when using SKF as a sole agent and appropriate controls are recommended.