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## Product Datasheet

**SKF-96365, CAS [[130495-35-1]]**

**FBM-10-1068**



Article Name	SKF-96365, CAS [[130495-35-1]]
Biozol Catalog Number	FBM-10-1068
Supplier Catalog Number	10-1068
Alternative Catalog Number	FBM-10-1068-5MG,FBM-10-1068-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TRPC channel blocker...
Molecular Weight	366.4636.46
Purity	98% by TLC, NMR Conforms
Form	White solid
CAS Number	[130495-35-1]
Formula	C22H26N2O3 HCl
Application Notes	<p>SKF-96365 (130495-35-1) was originally described as a selective blocker of receptor-mediated calcium entry (RMCE), IC<sub>50</sub>s= 8.5 and 11.7 μM 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 SKF<sup>3</sup>. In rat vascular smooth muscle Ca entry was reduced by 10 μM SKF which was attributed to TRPC<sup>3,4</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 hCaV<sub>3.1</sub> T-type Ca channels, IC<sub>50</sub>=563 nM (state independent).<sup>5</sup> Thus caution should be exercised when using SKF as a sole agent and appropriate controls are recommended.</p>