

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

AP-18, CAS [[55224-94-7]] FBM-10-1127

Article Name	AP-18, CAS [[55224-94-7]]
Biozol Catalog Number	FBM-10-1127
Supplier Catalog Number	10-1127
Alternative Catalog Number	FBM-10-1127-10MG, FBM-10-1127-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TRPA1 blocker...
Molecular Weight	209.67
Purity	98% by TLC [10% Methanol in methylene chloride, Rf = 0.60] NMR Conforms
Form	White solid
CAS Number	[55224-94-7]
Formula	C11H12ClNO
Application Notes	TRPA1 channel blocker IC50=3.1-4.5 µM in various cell lines. Reduces cinnamaldehyde-induced nociception in vivo and blocks cold- and mustard oil-induced activation of mouse TRPA1 but not capsaicin-induced activation. Does not block TRPV1, V2, V3, V4 or M8 at concentrations up to 50 µM. ¹ Blocks TRPA1 pore dilation (IC50=10.3 µM). ² An important tool for assessing the role of TRPA1 in cell signaling and physiological processes. ³⁻⁵