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Product Datasheet

Arvanil, CAS [[128007-31-8]] FBM-10-2741

Article Name	Arvanil, CAS [[128007-31-8]]
Biozol Catalog Number	FBM-10-2741
Supplier Catalog Number	10-2741
Alternative Catalog Number	FBM-10-2741-5MG, FBM-10-2741-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TRPV1 channel activator...
Molecular Weight	439.64
Purity	>98% by TLC, NMR (Conforms)
Form	Colorless or slightly yellow viscous oil
CAS Number	[128007-31-8]
Formula	C28H41NO3
Application Notes	Arvanil is a non-pungent capsaicin analog with antinociceptive and anti-inflammatory effects in vivo. ¹ It is an agonist at TRPV1 as well as CB1 (K _i = 0.25 - 0.52 µM), but not CB2. ^{2,3} Caused high mitochondrial calcium flow in hepatocellular carcinoma cells, ultimately leading to ferroptosis. ⁴ It induced FADD-dependent apoptosis in lymphoid Jurkat T-cells. ⁵ Neuroprotective in rat excitotoxicity model. ⁶