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Product Datasheet

Methoprene Acid FBM-10-4531

Article Name	Methoprene Acid
Biozol Catalog Number	FBM-10-4531
Supplier Catalog Number	10-4531
Alternative Catalog Number	FBM-10-4531-5MG,FBM-10-4531-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	RXR agonist...
Molecular Weight	268.39
Purity	98% by TLC NMR (Conforms)
Form	Colorless oil
CAS Number	[53092-52-7]
Formula	C ₁₆ H ₂₈ O ₃
Application Notes	Methoprene acid (53092-52-7) is an analog of insect juvenile hormone which acts as an insect growth regulator. Binds directly and selectively to the retinoid X receptor (RXR) acting as a transcriptional activator in both insect and mammalian cells with no activity at RAR. ¹ Negatively regulates thrombosis and hemostasis. ² Induces neurosteroid biosynthesis in human glial GI-1 cells. ³ Increases the expression of the brown-fat-uncoupling-protein-1 gene (ucp-1). ⁴