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## Product Datasheet

### Methoprene Acid, CAS [[53092-52-7]] FBM-10-4531

Article Name	Methoprene Acid, CAS [[53092-52-7]]
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	C16H28O3
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. <sup>1</sup> Negatively regulates thrombosis and hemostasis. <sup>2</sup> Induces neurosteroid biosynthesis in human glial GI-1 cells. <sup>3</sup> Increases the expression of the brown-fat-uncoupling-protein-1 gene (ucp-1). <sup>4</sup>