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Product Datasheet

SR0987, CAS [[303126-97-8]] FBM-10-4008

Article Name	SR0987, CAS [[303126-97-8]]
Biozol Catalog Number	FBM-10-4008
Supplier Catalog Number	10-4008
Alternative Catalog Number	FBM-10-4008-5MG,FBM-10-4008-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	RORgammat agonist...
Molecular Weight	397.70
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[303126-97-8]
Formula	C16H10F6NO2
Application Notes	RORgammat is a T cell specific isoform of ROR that is a key transcription factor for initiating the differentiation of Th17 and Tc17 cells. SR0987 (303126-97-8) is a RORgammat agonist that drives proliferation of Th17 cells and decrease levels of the immune checkpoint protein PD-1. In a Ga14 UAS-Luc cotransfection system, SR0987 induced reporter gene expression (EC50 = 800nM). Treatment of human Jurkat T cells with SR0987 resulted in decreased cell surface PD-1 expression. RORgammat agonists may synergize with current anti-PD-1 therapy and represent a new potential class of cancer immunotherapeutic.