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Product Datasheet

SR3335, CAS [[293753-05-6]]

FBM-10-4068

Article Name	SR3335, CAS [[293753-05-6]]
Biozol Catalog Number	FBM-10-4068
Supplier Catalog Number	10-4068
Alternative Catalog Number	FBM-10-4068-5MG,FBM-10-4068-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	RORalpha partial inverse agonist...
Molecular Weight	405.33
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[293753-05-6]
Formula	C13H9F6NO3S2
Application Notes	SR3335 (293753-05-6) is a selective RORalpha partial inverse agonist (IC50 = 480 nM) - displays no activity at RORβ, RORgamma, or FXR.¹ It was able to suppress gluconeogenesis in diet-induced obese mice. SR3335 was able to upregulate uncoupling protein 1 (UCP1), a unique mitochondrial protein devoted to thermogenesis, in wild type mice leading to decreased body weight and fat mass.^{2,3} It inhibited the development of mouse and human TH17 cells in vitro and in vivo leaving thymic T cells intact.⁴ SR3335s ability to block pathogenic, but not protective TH17 cell function makes it an important new tool in the study of TH17-mediated inflammatory and autoimmune diseases.