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Product Datasheet

SR3335, CAS [[293753-05-6]] FBM-10-4068

Artikelname	SR3335, CAS [[293753-05-6]]
Artikelnummer	FBM-10-4068
Hersteller Artikelnummer	10-4068
Alternativnummer	FBM-10-4068-5MG,FBM-10-4068-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	RORalpha partial inverse agonist...
Molekulargewicht	405.33
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[293753-05-6]
Formel	C13H9F6NO3S2

Anwendungsbeschreibung

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.