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Product Datasheet

Sotrastaurin, CAS [[425637-18-9]] FBM-10-4350

Article Name	Sotrastaurin, CAS [[425637-18-9]]
Biozol Catalog Number	FBM-10-4350
Supplier Catalog Number	10-4350
Alternative Catalog Number	FBM-10-4350-5MG,FBM-10-4350-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Pan-PKC inhibitor...
Molecular Weight	438.49
Purity	>98% by HPLC NMR (Conforms)
Form	Orange solid
CAS Number	[425637-18-9]
Formula	C ₂₅ H ₂₂ N ₆ O ₂
Application Notes	Sotrastaurin is a highly selective and potent (IC ₅₀ s for PKC isotypes: alpha = 2.1 nM, β1 = 2.0 nM, delta = 1.3 nM, epsilon = 6.2 nM, eta = 6.1 nM, T = 1.0 nM) pan-PKC inhibitor. ¹ Potent immunomodulatory agent that inhibits early T-cell activation and displays potential for the prevention of transplant rejection and the treatment of inflammatory diseases. ^{2,3} Sotrastaurin has anticancer activity in various cancer models including breast ⁴ , CLL ⁵ , ocular melanoma ⁶ , and B-cell lymphoma ⁷ .