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Product Datasheet

Nerandomilast, CAS [[1423719-30-5]] FBM-10-4391

Article Name	Nerandomilast, CAS [[1423719-30-5]]
Biozol Catalog Number	FBM-10-4391
Supplier Catalog Number	10-4391
Alternative Catalog Number	FBM-10-4391-5MG, FBM-10-4391-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PDE4B inhibitor...
Molecular Weight	448.97
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1423719-30-5]
Formula	C20H25CIN6O2S
Application Notes	Nerandomilast is a potent and selective inhibitor of phosphodiesterase 4B (IC50s: PDE4A = 248 nM, PDE4B = 10 nM, PDE4C = 8,700 nM, PDE4D = 91 nM, PDE7A = 14 µM, PDE3A = 120 µM, PDE1C = 46 µM). ¹ It inhibited TNFalpha release (IC50 = 35 nM) and IL-2 release (IC50 = 9 nM) in human PBMCs. Nerandomilast has potent anti-inflammatory activity and displayed efficacy in mouse models of lung fibrosis. ^{1,2} Approved for the treatment of idiopathic pulmonary fibrosis.