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Product Datasheet

GSK484 hydrochloride, CAS [[1652591-81-5]] FBM-10-4043

Article Name	GSK484 hydrochloride, CAS [[1652591-81-5]]
Biozol Catalog Number	FBM-10-4043
Supplier Catalog Number	10-4043
Alternative Catalog Number	FBM-10-4043-5MG,FBM-10-4043-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PAD4 inhibitor...
Molecular Weight	510.04
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1652591-81-5]
Formula	C27H31N5O3HCl
Application Notes	GSK484 is a potent (IC50 = 50 nM) and selective inhibitor of protein arginine deiminase (PAD4). ¹ It blocks neutrophil extracellular trap formation in human neutrophils. ^{1,2} GSK484 abrogates thrombus formation on heparin-induced thrombocytopenia/thrombosis. ³ It protected against reperfusion injury in both stroke ⁴ and cardiac ⁵ models. GSK484 attenuated tumor cell stemness in esophageal squamous cell carcinoma. ⁶ It prevented surgery-induced tumor recurrence via inhibition of neutrophil extracellular trap-induced reprogramming of cancer cell metabolism. ⁷