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Product Datasheet

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

Artikelname	GSK484 hydrochloride, CAS [[1652591-81-5]]
Artikelnummer	FBM-10-4043
Hersteller Artikelnummer	10-4043
Alternativnummer	FBM-10-4043-5MG,FBM-10-4043-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	PAD4 inhibitor...
Molekulargewicht	510.04
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1652591-81-5]
Formel	C27H31N5O3HCl
Anwendungsbeschreibung	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