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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). <sup>1</sup> It blocks neutrophil extracellular trap formation in human neutrophils. <sup>1,2</sup> GSK484 abrogates thrombus formation on heparin-induced thrombocytopenia/thrombosis. <sup>3</sup> It protected against reperfusion injury in both stroke <sup>4</sup> and cardiac <sup>5</sup> models. GSK484 attenuated tumor cell stemness in esophageal squamous cell carcinoma. <sup>6</sup> It prevented surgery-induced tumor recurrence via inhibition of neutrophil extracellular trap-induced reprogramming of cancer cell metabolism. <sup>7</sup>