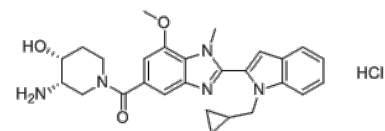


Product Name : GSK-484 hydrochloride
Cat. No. : PC-62215
CAS No. : 1652591-81-5
Molecular Formula : C₂₇H₃₂ClN₅O₃
Molecular Weight : 510.035
Target : Protein Arginine Deiminase (PAD)
Solubility : 10 mM in DMSO



Biological Activity

GSK-484 hydrochloride is a potent, highly selective and reversible protein arginine deiminase **PAD4** inhibitor with IC₅₀ of 80 nM in FP binding assay (0.2 mM Ca), 50 nM in PAD4 NH₃ release inhibition assay.

GSK-484 shows high specificity for PAD4 over PAD1/2/3/6.

GSK-484 causes a clear, statistically-significant reduction in diffused NETs.

References

Lewis HD, et al. *Nat Chem Biol.* 2015 Mar;11(3):189-91.

Cedervall J, et al. *Oncoimmunology.* 2017 Apr 20;6(8):e1320009.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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