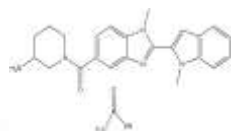


PRODUCT: GSK-121 trifluoroacetate**ALTERNATE NAME:** (3-amino-1-piperidinyl)[1-methyl-2-(1-methyl-1H-indol-2-yl)-1H-benzimidazol-5-yl]-methanone, 2,2,2-trifluoroacetate**CATALOG #:** B1034-500, 1000**AMOUNT:** 500 µg, 1 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₃H₂₅N₅O • CF₃COOH**MOLECULAR WEIGHT:** 501.5**CAS NUMBER:** 1652591-80-4**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (~30 mg/ml)**PURITY:** ≥98%**STORAGE:** Store at -20°C. Protect from air and moisture**DESCRIPTION:** GSK-121 is a novel protein arginine deiminase 4 (PAD4) inhibitor. GSK-121 was shown to inhibit the citrullination of PAD4 target proteins in a functional assay with an IC₅₀ value of 3.2 µM.**REFERENCES:** Jones, J.E., *et al.* (2009). *Curr. Opin. Drug Discov. Devel.* **12**, 616-627; Lewis, H.D., *et al.* (2015). *Nat. Chem. Biol.* **11**, 189-191.**RELATED PRODUCTS:**GSK-121 trifluoroacetate (**B1034**)GSK-484 hydrochloride (**B1035**)GSK-106 hydrochloride (**B1036**)GSK-199 hydrochloride (**B1037**)**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**