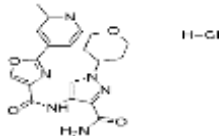


PRODUCT: AS-2444697 Hydrochloride

ALTERNATE NAME: N-(3-carbamoyl-1-(tetrahydro-2H-pyran-4-yl)-1H-pyrazol-4-yl)-2-(2-methylpyridin-4-yl)oxazole-4-carboxamide hydrochloride; AS-2444697

CATALOG #: B1585-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₉H₂₁ClN₆O₄

MOLECULAR WEIGHT: 432.86

CAS NUMBER: 1287665-60-4

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air light

DESCRIPTION: AS-2444697 is a potent and selective interleukin-1 receptor-associated kinase 4 (IRAK4) inhibitor (IC₅₀ = 21 nM). It exhibits 30-fold selectivity for IRAK4 over IRAK1. Inhibits LPS-induced TNF-α and IL-6 production in PBMCs *in vitro*.

REFERENCES: Chaudhary, D., *et al.* (2015). *J. Med. Chem.* **58**, 96-110.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

AS-2444697 HCl (**B1585**)

IRAK-1/4 Inhibitor (9578)

IRAK-4 Antibody (**3580**)

PF-06650833 (**B1558**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**