

Product Name : PF-05388169

Synonyms : PF 05388169; PF05388169

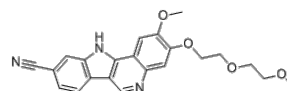
Cat No. : M12302

CAS Number : 1604034-78-7

Molecular Formula : C₂₂H₂₁N₃O₄

Formula Weight : 391.43

Chemical Name : 11H-Indolo[3,2-c]quinoline-9-carbonitrile, 2-methoxy-3-[2-(2-methoxyethoxy)ethoxy]-



Description : A potent, selective IRAK4 inhibitor with IC₅₀ of 0.094 nM, >500-fold selectivity over IRAK1 (IC₅₀=65 nM); exhibits low nM potency in LPS- and R848-induced cytokine assays (IC₅₀=85 nM) in human PBMCs; inhibits LPS-induced TNFα in an in vivo murine model.

Pathway : Immunology/Inflammation

Target : IRAK

Receptor : IRAK

Solubility : —

SMILES : N#CC1=CC(N2)=C(C3=C2C4=CC(OC)=C(OCCOCCOC)C=C4N=C3)C=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Lai CY, et al. J Immunol Res. 2017;2017:7807313.