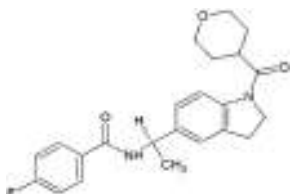


LY-3381916

ALTERNATE NAME: (R)-4-fluoro-N-(1-(1-(tetrahydro-2H-pyran-4-carbonyl)indolin-5-yl)ethyl)benzamide
IDO1IN5
LY 3381916
IDO1-IN-5

CATALOG #: B2729-5 5 mg
B2729-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₂₅FN₂O₃

MOLECULAR WEIGHT: 396.46

CAS NUMBER: 2166616-75-5

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: >100 mg/ml DMSO

DESCRIPTION: LY-3381916 is a potent, selective and brain permeant IDO1 (Indoleamine 2,3-Dioxygenase1) inhibitor. LY3381916 specifically targets and binds to IDO1, a cytosolic enzyme responsible for the oxidation of the amino acid tryptophan into the immunosuppressive metabolite kynurenine. By inhibiting IDO1 and decreasing kynurenine in tumor cells, LY3381916 restores and promotes the proliferation and activation of various immune cells, including dendritic cells (DCs), natural killer (NK) cells, and T lymphocytes, and causes a reduction in tumor-associated regulatory T cells (Tregs).

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

INCB-024360 (9477)
IDO1 Inhibitor I (2745)
NLG919 (9407)
IDO-IN-2 (B2496)
IDO Pathway inhibitor (2746)

DISCLAIMER: ***FOR RESEARCH USE ONLY! Not to be used on humans.***