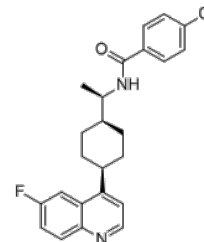


Product Name : BMS-986242
Cat. No. : PC-72378
CAS No. : 1923844-48-7
Molecular Formula : C₂₄H₂₄ClFN₂O
Molecular Weight : 410.917
Target : Indoleamine 2,3-Dioxygenase (IDO)
Solubility : 10 mM in DMSO



Biological Activity

BMS-986242 (BMS986242) is a potent, selective **IDO1** inhibitor with IC₅₀ of 2 nM in cellular IDO1 inhibition assays and IC₅₀ of 25 nM in human whole blood (HWB) IDO1 inhibition assays.

BMS-986242 shows activity against a variety of cancers including metastatic melanoma and renal cell carcinoma.

BMS-986242 elicited a PD effect comparable to linrodostat and epacadostat in a PD model of tumor kynurenine reduction at a lower level of exposure.

BMS-986242 is a structurally differentiated clinical candidate that performs comparably to linrodostat (BMS-986205) in terms of both in vitro potency and in vivo pharmacodynamic effect in a mouse xenograft model.

References

Cherney EC, et al. *ACS Med Chem Lett.* 2021 Jan 28;12(2):288-294.

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

E-mail: tech@probechem.com