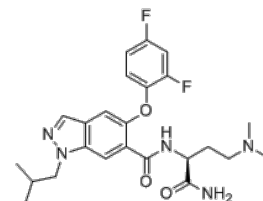


Product Name : Emprumapimod
Cat. No. : PC-73415
CAS No. : 765914-60-1
Molecular Formula : C₂₄H₂₉F₂N₅O₃
Molecular Weight : 473.525
Target : p38 MAPK
Solubility : 10 mM in DMSO



Biological Activity

Emprumapimod (PF-07265803) is a potent, selective and orally bioavailable inhibitor of **p38 MAPK**, inhibits LPS-induced IL-6 production in RPMI-8226 cells with IC₅₀ of 0.1 nM.

Emprumapimod (PF-07265803) (30 mg/kg, p.o.) inhibited LPS induced IL-6 and TNF-alpha by 91% and 95% in SCID-beige mice.

Emprumapimod (PF-07265803) (30 mg/kg, BID, PO) inhibited RPMI 8226 tumor growth by 72% as a single agent in MM xenograft models.

Emprumapimod (PF-07265803) inhibited LPS-induced phosphorylation of p38 in RPMI-8226 xenografts.

References

Dale Wright, et al. *Blood* (2006) 108 (11): 3478.

Antoine Muchir, et al. *Hum Mol Genet*. 2012 Oct 1;21(19):4325-33.

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

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