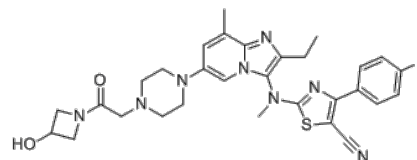


Product Name : GLPG-1690
Cat. No. : PC-60402
CAS No. : 1628260-79-6
Molecular Formula : C₃₀H₃₃FN₈O₂S
Molecular Weight : 588.71
Target : Autotaxin
Solubility : 10 mM in DMSO



Biological Activity

GLPG-1690 (Ziritaxestat, GLPG1690) is a first-in-class, potent, competitive **autotaxin** inhibitor with Ki/IC₅₀ of 15 nM/131 nM. GLPG-1690 (Ziritaxestat) inhibits ATX-induced LPA 18:2 production in mouse, rat, and healthy donor plasma with IC₅₀ of 418 nM, 542 nM, and 242 nM, respectively.

GLPG-1690 (Ziritaxestat) shows no CYP3A4 TDI and decreased hERG inhibitory activity (IC₅₀=15 uM), and good pharmacokinetic profile for treatment idiopathic pulmonary fibrosis.

GLPG-1690 also is an inhibitor of the ectonucleotide pyrophosphatase/ phosphodiesterase family (**ENPP2**).

References

Desroy N, et al. *J Med Chem*. 2017 May 11;60(9):3580-3590.

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

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