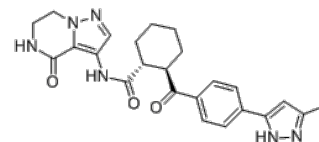


Product Name : AZD5718
Cat. No. : PC-36134
CAS No. : 2041075-86-7
Molecular Formula : C₂₄H₂₆N₆O₃
Molecular Weight : 446.511
Target : FLAP
Solubility : 10 mM in DMSO



Biological Activity

Atuliflapon (AZD-5718, AZD5718) is a novel potent 5-lipoxygenase activating protein (**FLAP**) inhibitor with binding IC₅₀ of 6.3 nM.

Atuliflapon (AZD-5718, AZD5718) exhibits LTB₄ inhibition in human whole blood assays with IC₅₀ of 39 nM.

Atuliflapon (AZD-5718, AZD5718) reduces the production of pro-inflammatory and vasoactive leukotrienes both in vitro and in vivo.

References

Ericsson H, et al. *Clin Transl Sci.* 2018 May;11(3):330-338.

Pettersen D, et al. *J Med Chem.* 2019 Mar 14. doi: 10.1021/acs.jmedchem.8b02004.

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

E-mail: tech@probechem.com