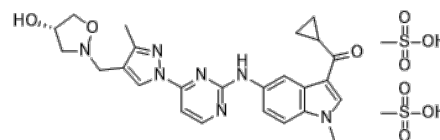


Product Name : Cevidoplenib dimesylate
Cat. No. : PC-22084
CAS No. : 2043659-93-2
Molecular Formula : C₂₇H₃₅N₇O₉S₂
Molecular Weight : 665.74
Target : Syk
Solubility : 10 mM in DMSO



CAS: 2043659-93-2

Biological Activity

Cevidoplenib dimesylate (SKI-O-703) is a potent, selective, orally active spleen tyrosine kinase (**Syk**) inhibitor with IC₅₀ of 6.2 nM.

SKI-O-703 is the orally bioavailable dimesylate salt form of Cevidoplenib (SKI-O-592, Cat#PC-61366).

SKI-O-592 is approximately 9-fold more potent than R406 as a Syk kinase inhibitor.

SKI-O-592 is highly specific for Syk, displays 67- to 2753-fold selectivity against a panel of kinases.

SKI-O-703 significantly ameliorated synovitis, with fewer neutrophils and macrophages infiltrated into the synovial tissue, in model of serum-transferred arthritis.

SKI-O-703 attenuates the progression of autoantibody-mediated autoimmune diseases by inhibiting both autoantibody-producing and autoantibody-sensing cells.

References

Cho S, et al. *Clin Exp Immunol*. 2023 Mar 8;211(1):31-45.

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

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