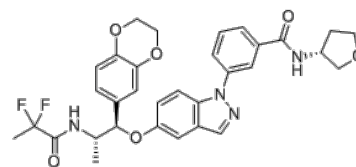


Product Name : AZD-7594
Cat. No. : PC-63143
CAS No. : 1196509-60-0
Molecular Formula : C₃₂H₃₂F₂N₄O₆
Molecular Weight : 606.627
Target : Glucocorticoid receptor (GR)
Solubility : 10 mM in DMSO



Biological Activity

AZD-7594 (Velsecorat, AZ-13189620) is a potent, nonsteroidal, **selective glucocorticoid receptor modulator (SGRM)** with binding IC₅₀ of 0.9 nM, shows no affinity for AR, PR, MR and ERα/β.

AZD-7594 demonstrates cell potency with IC₅₀ of 55 nM (repression of AP-1 dependent transcription), inhibits LPS-stimulated TNF-α production in human PBMC with IC₅₀ 0.43 nM.

AZD-7594 potently inhibits lung edema in a rat model of allergic airway inflammation with inhaled EC₅₀ of 130 μM/Kg.

References

Hemmerling M, et al. *J Med Chem*. 2017 Oct 26;60(20):8591-8605.

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

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