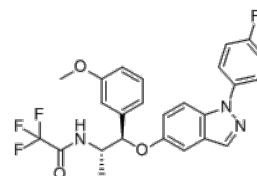


Product Name : AZD-5423
Cat. No. : PC-20260
CAS No. : 1034148-04-3
Molecular Formula : C₂₅H₂₁F₄N₃O₃
Molecular Weight : 487.45
Target : Glucocorticoid receptor (GR)
Solubility : 10 mM in DMSO



Biological Activity

AZD-5423 (AZD5423) is a potent, nonsteroidal, selective **glucocorticoid receptor** modulator with IC₅₀ of 49 pM for inhibition of AP-1 mediated transcription.

AZD-5423 displays a potent inhibition of lung edema in a rat model of allergic airway inflammation following dry powder inhalation combined with a moderate systemic GR-effect.

AZD5423 also is potent RIPK3 inhibitor, strongly inhibits activation of RIPK3, and MLKL phosphorylation upon cisplatin-, hypoxia/reoxygenation (H/R)- and TNF- α stimuli as compared with GSK872.

AZD5423 exerts effective protection against cisplatin- and ischemia/reperfusion (I/R)-induced AKI mouse model.

References

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

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