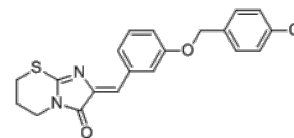


Product Name : PSB-CB5
Cat. No. : PC-49028
CAS No. : 1627710-30-8
Molecular Formula : C₂₀H₁₇ClN₂O₂S
Molecular Weight : 384.878
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

PSB-CB5 is a potent, selective antagonist of **GPR18**, inhibits GPR18 activation by tetrahydrocannabinol (THC) with IC₅₀ of 279 nM in β-arrestin recruitment assays.

PSB-CB5 exhibits >36-fold selectivity versus CB1 and GPR55 and 14-fold selectivity versus CB2 receptors.

PSB-CB5 inhibits N-Arachidonylglycine induced acrosomal exocytosis in human spermatozoa.

References

Schoeder CT, et al. *Eur J Med Chem*. 2018 Jul 15;155:381-397.

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

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