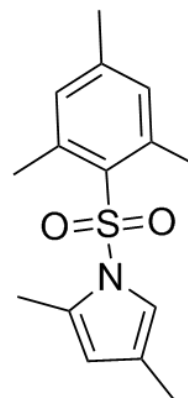


Product Name : HJC0350
Cat. No. : PC-44643
CAS No. : 885434-70-8
Molecular Formula : C₁₅H₁₉NO₂S
Molecular Weight : 277.38
Target : Other Targets
Solubility : DMSO: 10 mM



Biological Activity

HJC0350 is a potent and specific **EPAC2** antagonist with IC₅₀ of 0.3 μM for competing with 8-NBD-cAMP in binding EPAC2, about 133-fold more potent than cAMP.

HJC0350 exhibits no inhibition of EPAC1-mediated Rap1-GDP exchange activity at 25 μM.

HJC0350 selectively blocks cAMP-induced EPAC2 activation but does not inhibit cAMP-mediated PKA activation, fully blocks the 007-AM induced decrease of FRET in HEK293/EPAC2-FL cells at 10 μM.

References

Chen H, et al. *J Med Chem.* 2013 Feb 14;56(3):952-62.

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

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