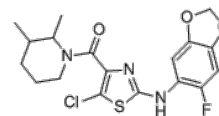


Product Name : GSK 2332255B
Cat. No. : PC-70336
CAS No. : 1366233-41-1
Molecular Formula : C₁₈H₁₉ClFN₃O₃S
Molecular Weight : 411.876
Target : TRP Channel
Solubility : 10 mM in DMSO



Biological Activity

GSK 2332255B (GSK2332255B, GSK255B) is a potent, and selective inhibitor of **TRPC3/6** channels with IC₅₀ of 3 nM/21 nM, respectively.

GSK 2332255B displays >100-fold selectivity over other calcium-permeable channels.

GSK 2332255B is 100-fold greater potency for TRPC3 compared with Pyr3.

GSK 2332255B dose-dependently blocks cell hypertrophy signaling triggered by angiotensin II or endothelin-1 in HEK293T cells as well as in neonatal and adult cardiac myocytes.

References

Seo K, et al. *Proc Natl Acad Sci U S A*. 2014 Jan 28;111(4):1551-6.

Washburn DG, et al. *Bioorg Med Chem Lett*. 2013 Sep 1;23(17):4979-84.

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

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