

GSK2332255B biochemical

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CATALOG #
AAA227626

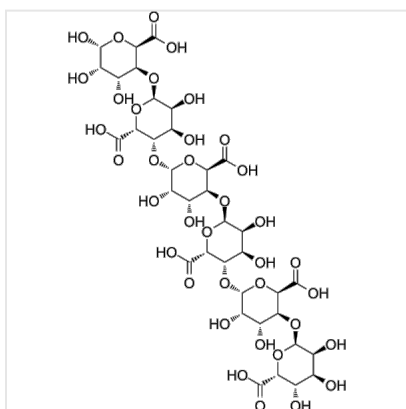
PRODUCT SYNONYMS

GSK2332255B; GSK2332255B biochemical

PRODUCT SPECIFICATIONS

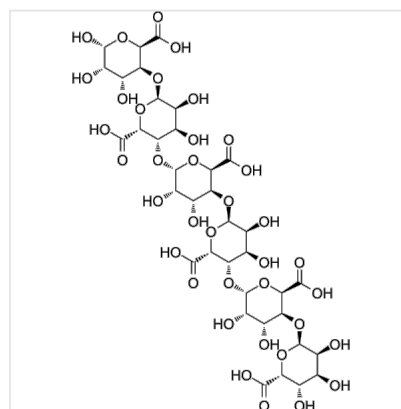
Purity/Purification	98%
CAS	1366233-41-1
Targets&IC50	rTRPC6:4 nM (IC50), rTRPC3:5 nM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Nuclear factor of activated T cells (NFAT) activation by Ang II (angiotensin II) is blocked in a dose dependent manner by GSK255B (0.01, 0.1, and 1 uM) in HEK293T cells overexpressing TRPC3. GSK255B blocks NFAT activation by Ang II in HEK293T cells expressing a mutant TRPC6 channel with T70 and S322 mutated to glutamic acid (SETE)[1]. GSK255B (10 uM) blocks calcium entry stimulated by Phenylephrine (20 uM) in rat neonatal cardiac myocytes. GSK255B dose-dependent blockade of cell hypertrophy signaling triggered by angiotensin II or endothelin-1 in HEK293T cells as well as in neonatal and adult cardiac myocytes[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

L-Hexaguluronic acid, CAS 183668-74-8



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ADDITIONAL INFORMATION

Related Product Information for GSK2332255B biochemical	GSK2332255B is a potent, selective TRPC3 and TRPC6 antagonist with IC 50 s of 5 nM and 4 nM for rat TRPC3 and rat TRPC6. GSK2332255B shows >=100-fold selectivity for TRPC3/6 over other calcium-permeable channels.
References	1. R.A. Shirwaiker, et al. L-Guluronic Acid

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/gsk2332255b/227626>