



GSK1292263

Cat. No.:	OB0225WX-2263
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by HPLC, and LC-MS.
Size:	2 mg; 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	GSK1292263 is a selective chemical agonist of the G-protein-coupled receptor GPR 119.
Synonym	1032823-75-8; GSK-1292263; 3-Isopropyl-5-(4-(((6-(4-(methylsulfonyl)phenyl)pyridin-3-yl)oxy)methyl)piperidin-1-yl)-1,2,4-oxadiazole; GSK-1292263A; GSK 1292263; GSK-263A; 5-[4-[[6-(4-methylsulfonylphenyl)pyridin-3-yl]oxymethyl]piperidin-1-yl]-3-propan-2-yl-1,2,4-oxadiazole; 5-(((1-(3-(1-Methylethyl)-1,2,4-oxadiazol-5-yl)-4-piperidinyl)methyl)oxy)-2-(4-(methylsulfonyl)phenyl)pyridine; 5-[[[1-(3-(1-Methylethyl)-1,2,4-oxadiazol-5-yl)-4-piperidinyl]methyl]oxy]-2-[4-(methylsulfonyl)phenyl]pyridine; Pyridine, 5-((1-(3-(1-methylethyl)-1,2,4-oxadiazol-5-yl)-4-piperidinyl)methoxy)-2-(4-(methylsulfonyl)phenyl)-; 2-(4-methanesulfonylphenyl)-5-(1-(3-(propan-2-yl)-1,2,4-oxadiazol-5-yl)piperidin-4-yl)methoxy)pyridine; 2-(4-methanesulfonylphenyl)-5-({1-[3-(propan-2-yl)-1,2,4-oxadiazol-5-yl]piperidin-4-yl}methoxy)pyridine; 5-[(1-[3-(1-Methylethyl)-1,2,4-oxadiazol-5-yl]-4-piperidinyl)methyl]oxy]-2-[4-(methylsulfonyl)phenyl]pyridine; MFCD18385004
CAS No.	1032823-75-8
Compound CID	24996872
Formula	C ₂₃ H ₂₈ N ₄ O ₄ S
Formula Weight	456.56

Specification



Relative Density	1.23 g/cm ³
IUPAC Name	5-[4-[[6-(4-Methylsulfonylphenyl)pyridin-3-yl]oxymethyl]piperidin-1-yl]-3-propan -2-yl-1,2,4-oxadiazole
InChI	InChI=1S/C23H28N4O4S/c1-16(2)22-25-23(31-26-22)27-12-10-17(11-13-27)15-30-19-6-9-21(24-14-19)18-4-7-20(8-5-18)32(3,28)29/h4-9,14,16-17H,10-13,15H2,1-3H3
InChI Key	AYJRTVVIBJSSKN-UHFFFAOYSA-N
SMILES string	<chem>CC(C)C1=NOC(=N1)N2CCC(CC2)COC3=CN=C(C=C3)C4=CC=C(C=C4)S(=O)(=O)C</chem>
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	GSK1292263 is employed in metabolic research as a selective GPR119 agonist to in vestigate the stimulation of incretin hormone release and its potential role in enhancing glucose-dependent insulin secretion.

Library Information

Target	GPR
Receptor	GPR119
Pathways	Endocrinology/Hormones; GPCR/G protein signaling
Plate Number	AOCL-29
Plate Location	h10
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	32 mg/mL; 70.1 mM
Ethanol Max Solubility	<1 mg/mL (insoluble or slightly soluble)
ALogP	3.893
HBA_Count	7
HBD_Count	0
Rotatable Bond	7