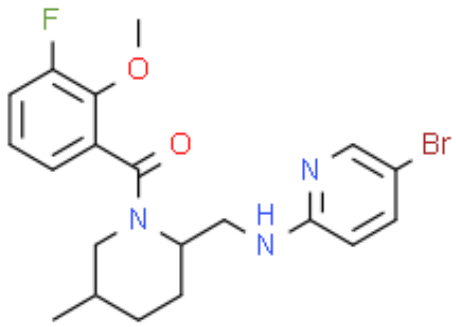
Product Data Sheet

Cas No.:	1191044-58-2	Cat. No:	PL08100
Product Name:	GSK1059865		
Product synonym:	[(2S,5S)-2-[[(5-溴-2-吡啶基)氨基]甲基]-5-甲基-1-哌啶基](3-氟-2-甲氧基苯基)甲酮		
Chemical name:	GSK1059865		
MF:	C20H23BRFN3O2	FW:	436.317927598953
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C(N1[C@H](CNC2=NC=C(Br)C=C2)CC[C@H](C)C1)C3=CC=CC(F)=C3OC		
InChI Code:	-		
InChI Key:			

WARNING This product is not for human or veterinary use.

Product Description

GSK1059865是有效地食欲素1受体 (orexin 1 receptor) 拮抗剂。

生物活性	GSK1059865 is a potent orexin 1 receptor antagonist.
IC50 & Target[1][2]	Orexin 1 receptor
体内研究(In Vivo)	Treatment with GSK1059865 significantly decreases ethanol drinking in a dose-dependent manner in CIE-exposed mice. In contrast GSK1059865 decreases drinking in air-exposed mice only at the highest dose used. There is no effect of GSK1059865 on sucrose intake. GSK1059865 (0.3?nM-10?nM) produces non-surmountable antagonism with a dose-dependent rightward shift of the OXA EC 50 and a concomitant decrease of the agonist maximal response. The calculated pK B value is 8.77±0.12 for GSK1059865. GSK1059865 (0.1-3.3?μM) produces a classical surmountable profile with parallel rightward shift of the OXA EC 50 without depression of the agonist maximal response. Intraperitoneal administration of GSK1059865 produces a region-dependent inhibition of yohimbine-induced relative cerebral blood volume response. The administration of GSK1059865 per se produces a weak
包装储存	Powder -20°C 3 years； 4°C 2 years

溶解度数据	In Vitro: DMSO : 200 mg/mL (458.38 mM; Need ultrasonic)配制储备液