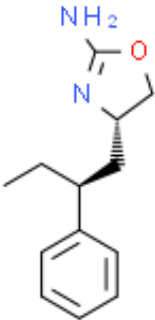


Product Data Sheet

Cas No.:	1043495-96-0	Cat. No:	PL12400
Product Name:	RO5256390		
Product synonym:	-		
Chemical name:	RO5256390		
MF:	C13H18N2O	FW:	218.294823169708
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O1C(N)=N[C@H](C1)C[C@@H](C1C=CC=CC=1)CC		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

R05256390 是微量胺相关受体 1 (TAAR1) 的激动剂，是一种内源性微量胺结合的高度保守的 G 蛋白偶联受体 (GPCR)。R05256390 可通过药物对中脑皮质系统的作用，减少药物滥用的多种行为效应。R05256390 是一种单胺，能调节神经传递，可以阻止精神刺激剂引起的亢奋，并产生类似抗精神病药物奥氮平的大脑激活模式，显示出类似抗精神病药物的特性。

生物活性	R05256390 is an agonist of trace amine-associated receptor 1 (TAAR1), a highly conserved G-protein-coupled receptor (GPCR) bound by endogenous trace amines. R05256390 can be used to reduce multiple behavioral effects of drugs of abuse through their actions on the mesocorticolimbic system. R05256390 is a modulator of monoaminergic neurotransmission, blocks psychostimulant-induced hyperactivity and produces a brain activation pattern reminiscent of the antipsychotic drug olanzapine, suggesting antipsychotic-like properties.
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 50 mg/mL (229.05 mM; Need ultrasonic)配制储备液