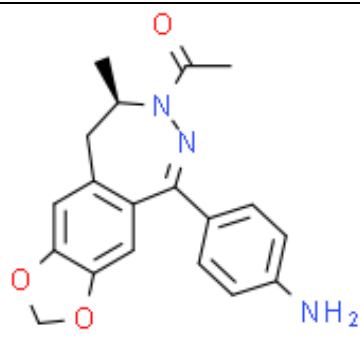


Product Data Sheet

Cas No.:	161832-65-1	Cat. No:	PL04346
Product Name:	Talampanel		
Product synonym:	他仑帕奈;(8R)-7-乙酰基-5-(4-氨基苯基)-8,9-二氢-8-甲基-7H-1,3-二氧杂环戊烯并[4,5-h][2,3]苯并二氮杂卓;Talampanel（LY300164）抑制剂;(8R)-7-乙酰基-5-(4-氨基苯基)-8,9-二氢-8-甲基-7H-1,3-二氧杂环戊烯并[4,5-H][2,3]苯并二氮杂卓他仑帕奈;(8R)-7-乙酰基-5-(4-氨基苯基)-8,9-二氢-8-甲基-7H-1,3-二氧杂环戊烯并[4,5-H][2,3]苯并二氮杂卓		
Chemical name:	Talampanel		
MF:	C19H19N3O3	FW:	337.37246
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C[C@@H]1CC2=C(C=C(OCO3)C3=C2)C(C4=CC=C(N)C=C4)=NN1C(C)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Talampanel (LY300164) 是一种口服和选择型 AMPA 受体拮抗剂，具有抗癫痫活性。Talampanel (IVAX) 具有神经保护作用 (啮齿动物的中风模型中)。Talampanel 减弱 caspase-3 依赖性细胞凋亡。

生物活性	Talampanel (LY300164) is an orally and selective α-amino-3-hydroxy-5-methyl-4-isoxazolepropionate (AMPA) receptor antagonist with anti-seizure activity. Talampanel (IVAX) has neuroprotective effects in rodent stroke models. Talampanel attenuates caspase-3 dependent apoptosis in mouse brain.
IC50 & Target[1][2]	AMPA Receptor
体内研究(In Vivo)	Talampanel (orally administration; 5 mg/kg; once a day; 2 weeks) reduces motoneuronal calcium in a mouse model of ALS, but its efficacy declines as the disease progresses. has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model:
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : ≥ 100 mg/mL (296.41 mM)配制储备液