

Product Data Sheet

Cas No.:		Cat. No:	PL07151
Product Name:	AZD 2066 hydrate		
Product synonym:	-		
Chemical name:	AZD 2066 hydrate		
MF:	-	FW:	-
Purity:	-	Batch No.:	-
Storage:			
λmax:	-	Formulation:	-
Solubility :	-		
SMILES :	-		
InChI Code:	-		
InChI Key:	-		
WARNING This product is not for human or veterinary use.			

Product Description

AZD 2066 hydrate 是一种选择性的，具有口服活性和可透过血脑屏障的 mGluR5 的拮抗剂。AZD 2066 hydrate 具有抗伤害作用。

生物活性	AZD 2066 hydrate is a selective, orally active and brain-penetrant antagonist of mGluR5. AZD 2066 hydrate has antinociception effects.
IC50 & Target[1][2]	mGluR5
体外研究(In Vitro)	<p>AZD 2066 (1-10 μM) inhibits Ca response, with IC50s of 27.2\pm9.1, 3.56\pm0.52, 96.2\pm17.8, and 380\pm78.0 nM in mGlu5/HEK cells and striatal, hippocampal, and cortical cultures respectively.</p> <p>AZD 2066 (1-10 μM) inhibits the oscillatory Ca response which induced by bath application of DHPG, and blocks either DHPG or Quis effects in mGlu5/HEK cells.</p> <p>AZD 2066 (1-10 μM) has less effective in striatal neurons. has not independently confirmed the accuracy of these methods. They are for reference only.</p>
体内研究(In Vivo)	AZD 2066 (0.03-30 mg/kg; p.o.) shows discriminative effects in rats. has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model: Male Wistar rats (weighing 240-250 g)
包装储存	Powder -20°C 3 years; 4°C 2 years