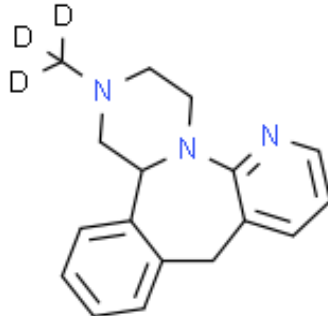


Product Data Sheet

Cas No.:	1216678-68-0	Cat. No:	PL05329
Product Name:	Mirtazapine-d3		
Product synonym:	[2H3] -米氮平标准品;4-癸烯酸甲基酯;米氮平-d3;米氮平-D3（N-甲基D3）;米氮平 D3		
Chemical name:	Mirtazapine-d3		
MF:	C17H16D3N3	FW:	268.3713
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C([2H])([2H])([2H])N1CCN2C3=NC=CC=C3CC3=CC=CC=C2C1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Mirtazapine-d3 是 Mirtazapine 的氘代物。Mirtazapine 是 5-HT receptor 受体抑制剂。Mirtazapine 是一种有效的具有口服活性去甲肾上腺素能和特异性 5-羟色胺抗抑郁试剂 (NaSSA)，可阻断 5-HT2 和 5-HT3 受体。

生物活性	Mirtazapine-d 3 is a deuterium labeled Mirtazapine. Mirtazapine is a 5-HT receptor inhibitor. Mirtazapine is a potent and orally active noradrenergic and specific serotonergic antidepressant (NaSSA) agent by blocking 5-HT2 and 5-HT3 receptors[1].
IC50 & Target[1][2]	5-HT2 Receptor 5-HT3 Receptor
体内研究(In Vivo)	Mirtazapine (intraperitoneal injection; 10–50?mg/Kg; 14 days) treatment normalizes heart rate, breath rate, anxiety levels and eliminates the hopping behavior observed in MecP2-null mice, leading to improved phenotypic score. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 100 mg/mL (372.62 mM; Need ultrasonic)配制储备液