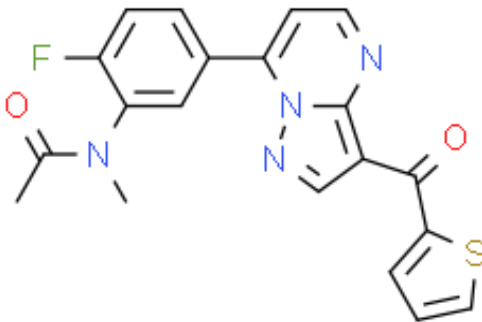


## Product Data Sheet

Cas No.:	917393-39-6	Cat. No:	PL04878
Product Name:	Lorediplon		
Product synonym:	Lorediplon标准品;Lorediplon		
Chemical name:	Lorediplon		
MF:	C20H15FN4O2S	FW:	394.422106027603
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C(C1=C2N=CC=C(N2N=C1)C1C=C(N(C)C(C)=O)C(F)=CC=1)C1=CC=CS1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

Lorediplon是一种新型非苯并二氮卓类，充当GABAA受体调节剂。

生物活性	Lorediplon is a novel non-benzodiazepine drug acting as a GABAA receptor modulator, differentially active at the alpha1-subunit, associated with promoting sleep. Target: GABA Lorediplon is a drug for the treatment of insomnia, has been successfully completed with a best-in-class efficacy profile in terms of maintaining sleep and sleep quality, Lorediplon targets GABAA. [1] Lorediplon demonstrates a minimum of 10-fold and 6-fold increase in potency (respectively) in the spontaneous motor activation studies. At concentrations of 1.2mg/kg, Lorediplon demonstrates a 57%increased effect on Slow Wave Sleep (SWS), when compared with a placebo.[2]
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 100 mg/mL (253.54 mM; Need ultrasonic)配制储备液