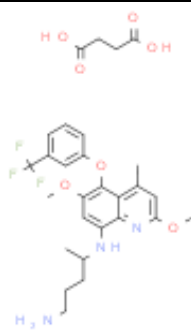


Product Data Sheet

Cas No.:	106635-81-8	Cat. No:	PL08822
Product Name:	Tafenoquine Succinate		
Product synonym:	11-氯-2,3-二氢-2-甲基-1H-二苯并[2,3:6,7]氧杂卓并[4,5-c]吡咯-1-酮;他非诺喹琥珀酸盐;1,1'- 乙烯-1,1'-二基二（4-氯苯）		
Chemical name:	Tafenoquine Succinate		
MF:	C24H28N3O3F3.C4H6O4	FW:	581.58066
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C(O)CCC(O)=O.CC(NC1=C2N=C(OC)C=C(C)C2=C(OC3=CC=CC(C(F)(F)F)=C3)C(OC)=C1)CCCN		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Tafenoquine Succinate (WR 238605 Succinate) 是一种 8-氨基喹啉。Tafenoquine 作为抗疟疾预防剂。

生物活性	Tafenoquine Succinate (WR 238605 Succinate) is an 8-aminoquinoline. Tafenoquine is an anti-malarial prophylactic agent.
IC50 & Target[1][2]	Anti-malarial
体内研究(In Vivo)	Tafenoquine exhibits no anti-malarial activity in CYP 2D knock-out mice when dosed at their ED 100 values (3 mg/kg) established in WT mice. Tafenoquine anti-malarial activity is partially restored in humanized/CYP 2D6 knock-in mice when tested at two times its ED 100 (6 mg/kg). has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	4°C, sealed storage, away from moisture In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)
溶解度数据	In Vitro: DMSO : 125 mg/mL (214.93 mM; Need ultrasonic)配制储备液