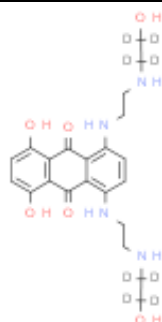


Product Data Sheet

Cas No.:	1189974-82-0	Cat. No:	PL09875
Product Name:	Mitoxantrone-d8		
Product synonym:	3-氨基-6-氯-4-苯基喹啉-2(1H)-酮;米托蒽醌-d8;米托蒽醌 d8		
Chemical name:	Mitoxantrone-d8		
MF:	C22H28N4O6	FW:	444.48092
Purity:	-	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	OC1C=CC(O)=C2C(C3=C(NCCNC(C(O)([2H])([2H]))([2H])([2H])C=CC(NCCNC(C(O)([2H])([2H]))([2H])([2H])=C3C(=O)C=12)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Mitoxantrone-d₈ 是 Mitoxantrone 的氘代物。Mitoxantrone 是拓扑异构酶II (topoisomerase II)的抑制剂；也可抑制蛋白激酶C (PKC)， IC₅₀值为8.5 μM。

生物活性	Mitoxantrone-d 8 (mitoxantrone-d8) is the deuterium labeled Mitoxantrone. Mitoxantrone is a topoisomerase II inhibitor and also inhibits protein kinase C (PKC) activity with an IC ₅₀ of 8.5 μM[1][2].
体外研究(In Vitro)	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Please store the product under the recommended conditions in the Certificate of Analysis.