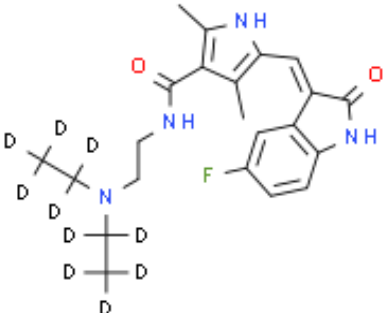


Product Data Sheet

Cas No.:	1126721-82-1	Cat. No:	PL07359
Product Name:	Sunitinib-d10		
Product synonym:	[2H10]-舒尼替尼标准品;舒尼替尼 D10		
Chemical name:	Sunitinib-d10		
MF:	C22H17D10N4O2F	FW:	408.535
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C1(=C(C(=O)NCCN(C(C([2H])([2H])([2H])([2H])([2H])([2H])([2H])([2H])([2H])([2H])C(C)=C(/C=C2/C(=O)NC3=C/2C=C(C=C3)F)N1)C		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Sunitinib-d10 是 Sunitinib 的氘代物。Sunitinib 是一种多靶点受体酪氨酸激酶抑制剂，抑制 VEGFR2 和 PDGFR β 的 IC50 分别为 80 nM 和 2 nM。Sunitinib 是 ATP 竞争性抑制剂，可通过抑制自身磷酸化和随后的 RNase 激活来有效抑制 Irf1 α 的磷酸化。

生物活性	Sunitinib-d 10 is a deuterium labeled Sunitinib. Sunitinib is a multi-targeted receptor tyrosine kinase inhibitor with IC50s of 80 nM and 2 nM for VEGFR2 and PDGFRβ, respectively[1]. Sunitinib, an ATP-competitive inhibitor, effectively inhibits autophosphorylation of Ire1α by inhibiting autophosphorylation and consequent RNase activation[2].
IC50 & Target[1][2]	VEGFR2 80 nM (IC50) PDGFRβ 2 nM (IC50)
包装储存	Powder -20°C 3 years; 4°C 2 years