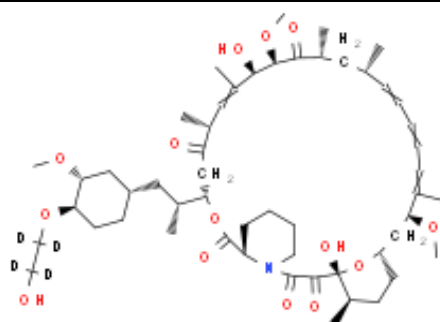


## Product Data Sheet

Cas No.:	1338452-54-2	Cat. No:	PL01348
Product Name:	Everolimus-d4		
Product synonym:	依维莫司 d4;[2H4]-依维莫司		
Chemical name:	Everolimus-d4		
MF:	C53H83NO14	FW:	962.249084711075
Purity:	-	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O(C([2H])([2H])C([2H])([2H])O)[C@@H]1CC[C@@H](C[C@@H](C)[C@@H]2CC([C@@H](C=C(C)[C@H]([C@H](C[C@H](C)[C@H](C)C=CC=CC=C(C)[C@H](C[C@@H]3CC[C@@H](C)[C@@H](C(C(N4CCCC[C@H]4C(=O)O2)=O)(O)O3)OC(=O)OC)O)C[C@H]1O		
InChI Code:	1OC		
InChI Key:	-		
WARNING This product is not for human or veterinary use.			

## Product Description

Everolimus-d<sub>4</sub> 是 Everolimus 的氘代物。Everolimus (RAD001) 是一种 Rapamycin 的衍生物，也是一种有效的，选择性的和口服活性的 mTOR1 抑制剂。Everolimus 与 FKBP-12 结合可产生免疫抑制复合物。Everolimus 抑制肿瘤细胞增殖并诱导细胞凋亡 (apoptosis) 和自噬 (autophagy)。Everolimus 具有有效的免疫抑制和抗癌活性。

生物活性	Everolimus-d 4 is the deuterium labeled Everolimus. Everolimus (RAD001) is a Rapamycin derivative and a potent, selective and orally active mTOR1 inhibitor. Everolimus binds to FKBP-12 to generate an immunosuppressive complex. Everolimus inhibits tumor cells proliferation and induces cell apoptosis and autophagy. Everolimus has potent immunosuppressive and anticancer activities[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.
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