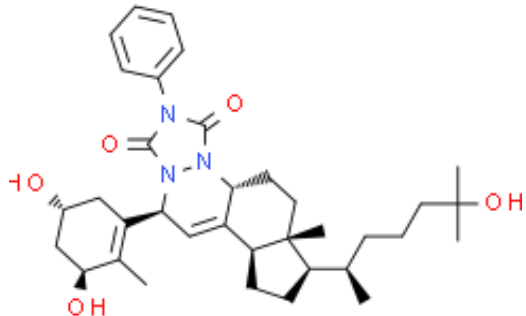


Product Data Sheet

Cas No.:	86307-44-0	Cat. No:	PL12538
Product Name:	Impurity C of Calcitriol		
Product synonym:	PRE-骨化三醇PTAD加合物;预骨化三醇PTAD加合物;骨化三醇前体的 三唑啉加合物;骨化三醇杂质 C		
Chemical name:	Impurity C of Calcitriol		
MF:	C35H49N3O5	FW:	591.78066
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O[C@@H](C[C@@H]1O)CC(C2C=C3[C@@@](CC[C@@H]4[C@@H](CCCC(C)(O)C)C([H])[C@]4(C)CCC3N(C(N5C6=CC=CC=C6)=O)N2C5=O)=C1C		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Impurity C of Calcitriol是Calcitriol的杂质， Calcitriol是维生素D3的活性代谢物，能激活维生素D受体。

生物活性	Impurity C of Calcitriol, Calcitriol(1,25-Dihydroxyvitamin D3; Rocaltrol) is the hormonally active form of vitamin D, Calcitriol is the active metabolite of vitamin D3 that activates the vitamin D receptor (VDR). IC50 value: Target: vitamin D receptor Calcitriol(1,25-Dihydroxyvitamin D3; Rocaltrol) displays calcemic actions. Calcitriol stimulates intestinal and renal Ca2+ absorption and regulates bone Ca2+ turnover. Calcitriol (1,25-Dihydroxyvitamin D3; Rocaltrol)exhibits antitumor activity; Calcitriol(1,25-Dihydroxyvitamin D3; Rocaltrol) inhibits in vivo and in vitro cell proliferation in a wide range of cells including breast, prostate, colon, skin and brain carcinomas and myeloid leukemia cells.
包装储存	4°C, protect from light In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)
溶解度数据	In Vitro: DMSO : 50 mg/mL (84.49 mM; Need ultrasonic)配制储备液