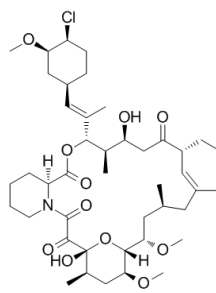


Product Name	: Pimecrolimus	
Synonyms	: Elidel; SDZ-ASM 981	
Cat No.	: M11529	
CAS Number	: 137071-32-0	
Molecular Formula	: C ₄₃ H ₆₈ ClNO ₁₁	
Formula Weight	: 810.45	
Chemical Name	(1R,9S,12S,13R,14S,17R,18E,21S,23S,24R,25S,27R)-12-[(1E)-2-[(1R,3R,4S)-4-chloro-3-methoxycyclohexyl]-1-methylvinyl]-17-ethyl-1,14-dihydroxy-23,25 dimethoxy-13,19,21,27-tetramethyl-11,28-dioxo-4-aza-tricyclo[22.3.1.0 4,9]octacos-18-ene-2,3,10,16-tetraone.	
Description	Pimecrolimus, like all ascomycins, is an immunophilin ligand, which binds specifically to the cytosolic receptor, immunophilin macrophilin-12.	
Pathway	: Others	
Target	: Other Targets	
Receptor	: Others	
Solubility	: Ethanol: 100 mg/mL (123.38 mM); DMSO: 100 mg/mL (123.38 mM)	
SMILES	<chem>O=C(C(N1CCCC[C@@H]1([H])C(O[C@H](/C(C)=C/[C@H]2C[C@@H](OC)[C@H](Cl)CC2)[C@H](C)[C@@H](O)C3)=O)=O)[C@@](O4)(O)[C@H](C)C[C@H](OC)[C@@]4([H])[C@H](OC)C[C@H](C)C(C)=C/[C@H](CC)C3=O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1.Nghiem P, et al. Am Acad Dermatol, 2002, 46(2), 228-24