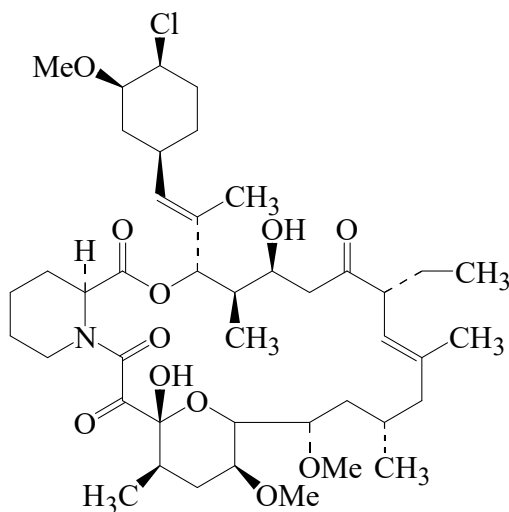




>>Entry Name: Pimecrolimus, INN

**Synonym(s):** 3-[2-(4-Chloro-3-methoxycyclohexyl)-1-methylethenyl]-8-ethyl-5,6,8,11,12,13,14,15,16,17,18,19,24,25,26,26a-hexadecahydro-5,19-dihydroxy-14,16-dimethoxy-4,10,12,18-tetramethyl-15,19-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclotricosine-1,7,20,21(4H,23H)-tetrone, 9Cl. SDZ ASM 981



**CAS Registry Number:** 137071-32-0

**Molecular Formula:** C<sub>43</sub>H<sub>68</sub>ClNO<sub>11</sub>

**Molecular Weight:** 810.463

**Accurate Mass:** 809.448091

**Percentage Composition:** C 63.73%; H 8.46%; Cl 4.37%; N 1.73%; O 21.72%

**Biological Use/Importance:** Immunosuppressant. Antiinflammatory agent for the treatment of skin diseases

**Physical Description:** No phys. props. reported

**Other Data:** Analogue of Ascomycin [HQT37-L](#)

#### References:

- Eur. Pat.*, 1992, *Merck*, 480 623; *CA*, **117**, 111384g, (*synth, pharmacol*)  
Meingassner, J.G. *et al.*, *Br. J. Dermatol.*, 1997, **137**, 568-576, (*pharmacol*)  
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Bochelen, D. *et al.*, *J. Pharmacol. Exp. Ther.*, 1999, **288**, 653-659, (*pharmacol*)  
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