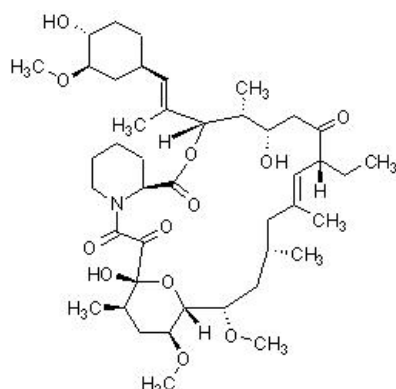


Ascomycin, Calcineurin/PP2B inhibitor ab141016

画像数 1

製品の概要

製品名	Ascomycin, Calcineurin/PP2B inhibitor
製品の詳細	Calcineurin/PP2B inhibitor. Immunosuppressant and antifungal activity.
生理活性の詳細	Calcineurin/PP2B inhibitor (IC ₅₀ = 49 nM). Forms a FK-506 binding protein 12 (FKBP12) - Ascomycin -Calcineurin complex. Immunosuppressant and antifungal activity <i>in vitro</i> and <i>in vivo</i> .
精製度	> 98%
CAS 番号	104987-12-4
構造式	



製品の特性

体系名	(3S,4R,5S,8R,9E,12S,14S,15R,16S,18R,19R,26aS)-8-Ethyl-5,6,8,11,12,13,14,15,16,17,18,19,24,25,26,26a-hexadecahydro-5,19-dihydroxy-3-[(1E)-2-[(1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylethenyl]-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
分子量	792.12
分子式	C ₄₃ H ₆₉ NO ₁₂
PubChem 登録番号	6437370
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in DMSO to 50 mM and in ethanol to 100 mM
使用に関する注意	Wherever possible, you should prepare and use solutions on the same day. However, if you need

to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

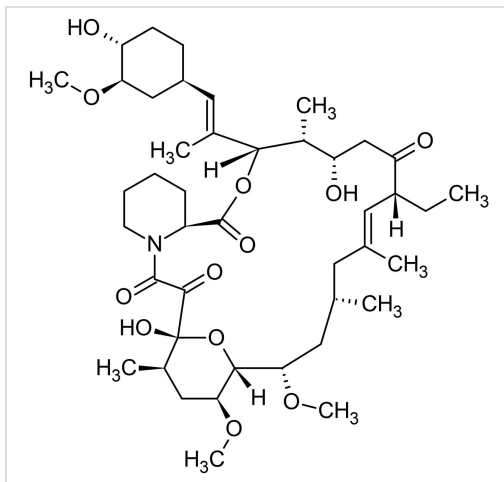
SMILES 線形表記

```
O[C@@H]1CC[C@H](C[C@H]1OC)\C=C(/C)[C@H]3OC(=O)[C@@H]2CCCN(C2)C(=O)C(=O)[C@]4(O)O[C@H]([C@H](C[C@@H](C)CC(C)=C[C@@H](CC)C(=O)C[C@H](O)[C@H]3C)OC)[C@H](C[C@H]4C)OC
```

由来

Streptomyces hygrosopicus var. *ascomyceticus*

画像



2D chemical structure image of ab141016, Ascomycin,
Calcineurin/PP2B inhibitor

Chemical Structure - Ascomycin, Calcineurin/PP2B
inhibitor (ab141016)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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