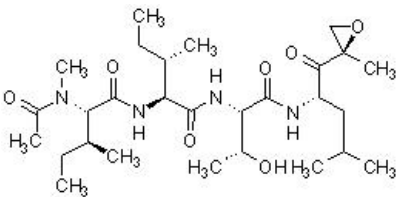


### Epoxomicin, 20S proteasome inhibitor ab144598

4 References 画像数 1

#### 製品の概要

|         |  |
|---------|--|
| 製品名     | Epoxomicin, 20S proteasome inhibitor   |
| 製品の詳細   | Potent, selective, irreversible and cell-permeable 20S proteasome inhibitor  |
| 生理活性の詳細 | Potent, selective, irreversible and cell-permeable 20S proteasome inhibitor ( $IC_{50} = 4 \text{ nM}$ ).<br>Predominantly inhibits the chymotrypsin-like activity. Anti-inflammatory and antitumor agent. Active <i>in vitro</i> and <i>in vivo</i> . |
| 精製度     | > 97%  |
| CAS 番号  | 134381-21-8  |
| 構造式     |   |

#### 製品の特徴

|              |   |
|--------------|---|
| 体系名          | <i>N</i> -Acetyl- <i>N</i> -methyl-L-isoleucyl-L-isoleucyl- <i>N</i> -[(1 <i>S</i> )-3-methyl-1-[[[(2 <i>R</i> )-2-methyloxiranyl]carbonyl]butyl]-L-threoninamide   |
| 分子量          | 554.73  |
| 分子式          | $C_{28}H_{50}N_4O_7$  |
| PubChem 登録番号 | 3035402   |
| 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 10 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 week. 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.<br><br>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details. |

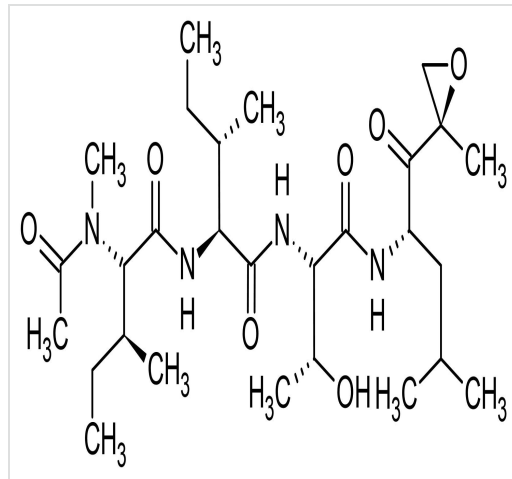
## SMILES 線形表記

CCC(C)C(C(=O)NC(=O)C(C(C)O)NC(CC(C)C)C(=O)C1(CO1)C)NC(=O)C(C(C)CC)N(C)C(=O)C

## 由来

*Actinomyces* sp.

## 画像



2D chemical structure image of ab144598, Epoxomicin, 20S proteasome inhibitor

Chemical Structure - Epoxomicin, 20S proteasome inhibitor (ab144598)

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

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