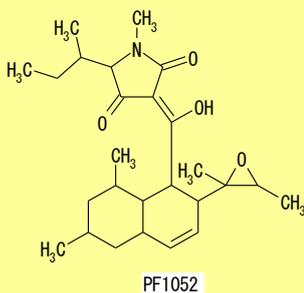


PF-1052

Cat.# BLK0550

**Structure**

PF1052

**Origin:** *Phoma* sp. FKI-1840**CAS Registry Number:** 147317-15-5**CA Index Name:** 1-Methyl-3-[hydroxy[2-(2,3-dimethyloxirane-2-yl)-6,8-dimethyl-1,2,4a,5,6,7,8,8a-octahydronaphthalene-1-yl]methylene]-5-sec-butylpyrrolidine-2,4-dione**Appearance:** white solid**Molecular Formula/ Weight:** C<sub>26</sub>H<sub>39</sub>NO<sub>4</sub>=429.61**Melting Point:** 224-226°C | **Purity:** 95>% by HPLC**Solubility:** Sol. MeOH, Chloroform, Acetone, EtOAc, DMSO  
Inso. Water**pKa:****log P:****Background Information:**

PF-1052 was isolated from a fermentation broth of a *Phoma* sp FKI-1840<sup>1)</sup>. PF-1052 showed anti-microbial activities, especially photopathogenic fungi<sup>1, 2)</sup>.

**Handling and Storage:**

Store at -20°C.

**References:**

1. N. Koyama, et al. J. Antibiot. **58**, 338-345 (2005).
2. H. Takahashi, et al. Japan Kokai Tokkyo Koho, JP 08059612 (1996).

Manufactured with Cortesy strain from The Kitasato Institute.

(ID#: FKI-1840)