[ Product Information ]

Name: Pimaricin
Catalog No.: CFN90059
Cas No.: 7681-93-8
Purity: >=98%
M.F: C_{33}H_{47}NO_{13}
M.W: 665.73

Physical Description: Powder

Synonyms: (1R,3S,5R,7R,8E,12R,14E,16E,18E,20E,22R,24S,25R,26S)-22-
[(3-amino-3,6-dideoxy-\textsuperscript{\textdagger}D-mannopyranosyl)oxy]-1,3,26-trihydroxy-12-methyl-10-oxo-6,11,
28-trioxatricyclo[22.3.1.0_{5,7}]octacosa-8,14,16,18,20-pentaene-25-carboxylic acid;
Myprozine; Mycophyt.

[ Intended Use ]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[ Source ]
[**Biological Activity or Inhibitors**]

Pimaricin is a new antifungal antibiotic.[1]

Pimaricin has protection from oxidation and ultraviolet light by chlorophyllin and other compounds.[2]

Pimaricin has intravitreal effects in experimental fungal endophthalmitis.[3]

[**Solvent**]

Pyridine, Methanol, Ethanol, etc.

[**HPLC Method**][4]

Mobile phase: Methanol -H2O- Acetic acid=48:32:1 ;

Flow rate: 1.0 ml/min;

Column temperature: 30 ºC;

The wave length of determination: 302.5 nm.

[**Storage**]

2-8 ºC, Protected from air and light, refrigerate or freeze.

[**References**]


[**Contact**]

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