[ Product Information ]

Name: Tirandamycin B
Catalog No.: CFN00142
Cas No.: 60587-14-6
Purity: > 95%
M.F: C_{22}H_{27}NO_8
M.W: 433.46

Physical Description: Powder

Synonyms: 5-hydroxy-4-((2E,4E)-6-[2-(hydroxymethyl)-1,7-dimethyl-5-oxo-3,9,10-trioxatricylo[4.3.1.0^{2,4}]dec-8-yl]-4-methylhepta-2,4-dienoyl)-1,2-dihydro-3H-pyrrol-3-one.

[ Intended Use ]

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

[ Source ]

From Streptomyces spectabilis.

[ Biological Activity or Inhibitors ]
Tirandamycin B has inhibition on lymphatic filariasis. [1]

Tirandamycin B has antitumor and antibacterial activities. [2]

[Solvent]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method][2]
Mobile phase: Acetonitrile- H2O-Acetic acid, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wavelength of determination: 215/357 nm.

[Storage]
2-8°C, Protected from air and light, refrigerate or freeze.

[References]


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