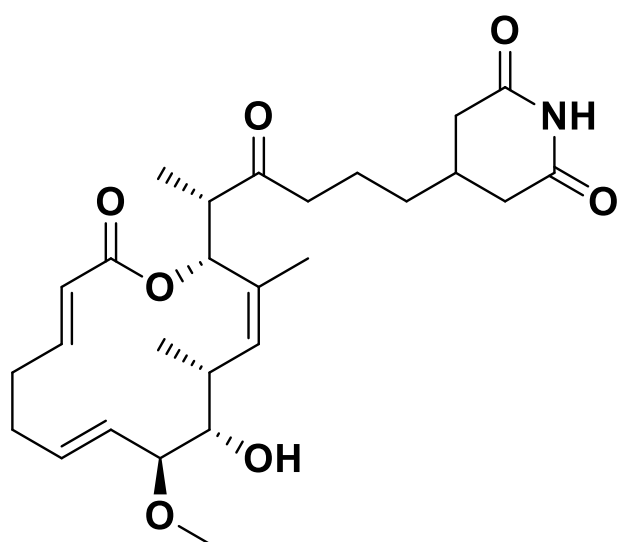


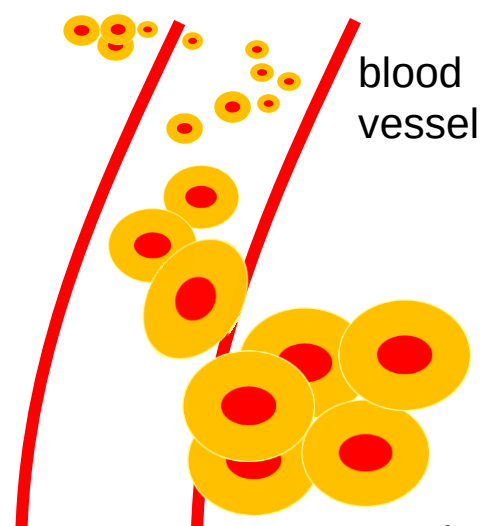
Migrastatin

Migrastatin inhibits tumor cell migration, thus offering a possible means to inhibit metastasis.



STOP !

Tumor cell migration



blood vessel

Metastasis Formation

Application Notes

- Migrastatin inhibits cell migration of human esophageal cancer (EC17) & mouse melanoma (B16) cells¹⁾.
- It was found to inhibit anchorage-independent growth of human small cell lung carcinoma (Ms-1) cells²⁾.

1) Migrastatin, a new inhibitor of tumor cell migration from *Streptomyces* sp. MK929-43F1. Nakae K, Yoshimoto Y, Sawa T, Homma Y, Hamada M, Takeuchi T, Imoto M. *J. Antibiotics*, 2000, **53**, 1130-1136.

2) Migrastatin, a novel 14-membered ring macrolide, inhibits anchorage-independent growth of human small cell lung carcinoma Ms-1 cells. Takemoto Y, Nakae K, Kawatani M, Takahashi Y, Naganawa H, Imoto M. *J. Antibiotics*, 2001, **54**, 1104-1107.

Specifications

Code No.	: 10708
CAS#	: 314245-65-3
Molecular Formula	: C ₂₇ H ₃₉ NO ₇
Molecular Weight	: 489.609
Source	: <i>Streptomyces</i> sp. MK929-43F1
Appearance	: White powder
Purity	: > 90% (HPLC)
Long Term Storage	: at -20 °C
Solubility	: Soluble in MeOH, DMSO, DMF. Insoluble in H ₂ O

NOTE

- ✗ All products here are research use only, not for diagnostic use.
- ✗ Company name and product name are trademark or registered mark.
- ✗ Specs might be changed for improvement without notice.
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