

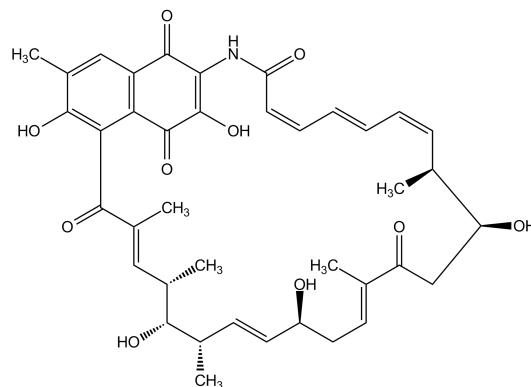
BVT-0381

24-Aug-2011

Diastovaricin I

[30-Hydroxy-naphthomycin C]

BVT-0381-C500	500 µg
BVT-0381-M001	1 mg
BVT-0381-M005	5 mg
Formula	C ₃₉ H ₄₅ NO ₁₀
MW	687.8
CAS	102281-52-7



Handling / Storage

Shipping	AMBIENT
Short Term Storage	+4°C
Long Term Storage	-20°C

Use / Stability

Stable for at least 1 year after receipt when stored at -20°C. Store solutions at -20°C in the dark.

MSDS available at www.adipogen.com or upon request.

Product Specifications

Source/Host	Isolated from <i>Streptomyces</i> sp. Gö 40/10.
Purity	≥98% (HPLC)
Identity	Determined by ¹ H-NMR and UV.
Appearance	Orange to red powder.
Solubility	Soluble in DMSO, acetone or chloroform.

Product Description

- Antibiotic.
- Antibacterial.
- Inducer of Friend mouse erythroleukemia cells.
- Antitumor compound.

WARNING: Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. **MATERIAL SAFETY DATA:** Review the complete Material Safety Data Sheet before use.

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For Local Distributors see
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Product Specific References

1. Isolation and structural elucidation of naphthomycins B and C: W. Keller-Schierlein, et al.; J. Antibiot. **36**, 484 (1983)
2. New ansamycin antibiotics, naphthoquinomycins A and B, inhibitors of fatty acid synthesis in escherichia coli: J.Mochizuki, et al.; J. Antibiot. **39**, 157 (1986)
3. New ansamycin antibiotics, diastovaricins I and II: M. Hotta, et al.; J. Antibiot. **39**, 311 (1986)
4. Cineromycins, γ -butyrolactones and ansamycins by analysis of the secondary metabolite pattern created by a single strain of streptomyces: H.-J. Schiewe & A. Zeeck; J. Antibiot. **52**, 635 (1999)

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