Kirromycin
[Mocimycin; Delvomycin; MYC 8003; NSC 316094]

BVT-0157-M001 1 mg
BVT-0157-M005 5 mg

Formula C_{43}H_{60}N_{2}O_{12}
MW 796.9
CAS 50935-71-2
Merck Index 14: 6225
RTECS QA2805000

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 *Streptomyces collinus*.
Purity ≥96% (HPLC)
Identity Determined by 1H-NMR and UV.
Appearance Yellow powder.
Solubility Soluble in methanol or DMSO.

Product Description

- Antibiotic. Member of the elfermycin group.
- Antibacterial.
- Protein biosynthesis inhibitor.
- Specifically interacts with the bacterial elongation factor EF-Tu and prevents the release of EF-Tu from the bacterial ribosome after GTP hydrolysis. In the absence of ribosomes it induces EF-Tu-dependent hydrolysis of GTP.

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.
Animal growth promoter used in poultry breeding.

Product Specific References


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