Product datasheet

Spiramycin (Rovamycine) ab143454

Overview

Product name  Spiramycin (Rovamycine)
Description  Macrolide antibiotic
Biological description  Macrolide antibiotic. Inhibits bacterial translocation of protein synthesis.

Properties

Molecular weight  843.05
Chemical structure

Molecular formula  C_{43}H_{74}N_{2}O_{14} (for Spiramycin I, R=H)
CAS Number  8025-81-8
PubChem identifier  6419898
Storage instructions  Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview  Soluble in DMSO to 100 mM and in ethanol to 100 mM
Handling  Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in
tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES

CC1CC=CC=C(C(C(C(=O)O)OC)OC2(C(C(O2)C)OC3CC(C(C(O3)C)O)C))O(N(C)O)CC=O)OC4CCC(C(O4)C)N(C)C

Source

Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team