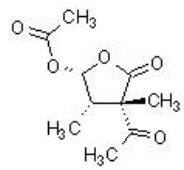


Product datasheet

Acetomycin, Antibiotic agent ab144171

Overview

Product name	Acetomycin, Antibiotic agent
Description	Antibiotic agent. Esterase substrate.
Biological description	Antibiotic agent. Esterase substrate. Shows antifungal, antiprotozoal and antibacterial effects. Shows cytotoxic effects to cancer cell lines (IC ₅₀ values are 7 and 10 μM for L1210 murine leukemia cells and HCT-8 human colon adenocarcinoma cells respectively). Deactivated by esterase <i>in vivo</i> .
Purity	> 98%
CAS Number	510-18-9
Chemical structure	

Properties

Chemical name	[(2R,3S,4S)-4-Acetyl-3,4-dimethyl-5-oxooxolan-2-yl] acetate
Molecular weight	214.22
Molecular formula	C ₁₀ H ₁₄ O ₅
PubChem identifier	100162
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CC(=O)OC[C@@H]1[C@@H](OC(=O)C)C(=O)COC(=O)C</chem>

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, 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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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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