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DATASHEET

Acetomycin

Product overview

Name	Acetomycin
Cat No	HB3734
Purity	>98%
Description	Antibiotic with antibacterial, antifungal and antiprotozoal activity

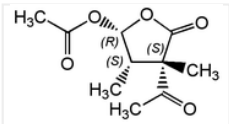
Biological Data

Biological description	Antibiotic. Antibacterial, antifungal and antiprotozoal. Cytotoxic against several tumor cell lines in vitro.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	(2R,3S,4S)-4-Acetyl-3,4-dimethyl-5-oxotetrahydro-furan-2-yl acetate
Molecular Weight	214.2
Chemical structure	 The chemical structure shows a five-membered tetrahydrofuran ring with a carbonyl group at the 5-position. At the 2-position, there is an acetoxy group (-O-C(=O)-CH3) shown with a dashed bond. At the 3-position, there is a methyl group (-CH3) shown with a wedged bond. At the 4-position, there is an acetyl group (-C(=O)-CH3) shown with a wedged bond. The stereocenters are labeled (R) at C2, (S) at C3, and (S) at C4.
CAS Number	510-18-9
PubChem identifier	0
SMILES	<chem>C[C@@H]1[C@H](OC(C)=O)OC(=O)[C@]1(C)C(C)=O</chem>
InChiKey	OYMZTORLGBISLR-RHFNHBFP5A-N
Appearance	White to off-white crystalline solid