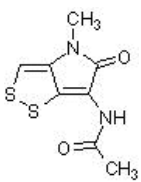


Product datasheet

Thiolutin, antibiotic agent ab143556

5 References 1 Image

Overview

Product name	Thiolutin, antibiotic agent
Description	Sulfur-based antibiotic agent. Potent RNA polmerase inhibitor
Biological description	Sulfur-based antibiotic agent. Potent RNA polymerase inhibitor. Inhibits endothelial cell adhesion (IC ₅₀ = 0.83 μM). Suppresses tumor cell induced angiogenesis and shows antitumor effects <i>in vivo</i> .
Purity	> 98%
CAS Number	87-11-6
Chemical structure	

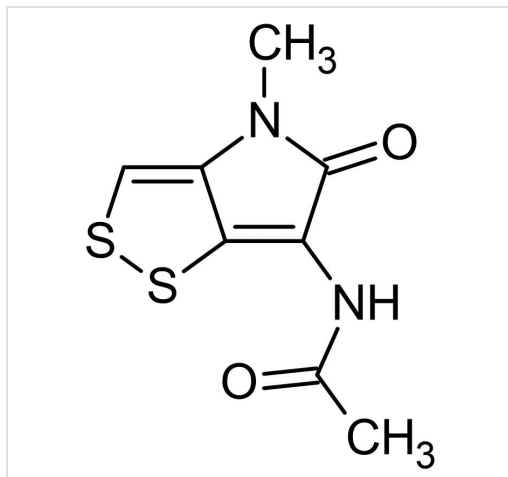
Properties

Chemical name	N-(4,5-Dihydro-4-methyl-5-oxo-1,2-dithiolo[4,3- <i>b</i>]pyrrol-6-yl)-acetamide
Molecular weight	228.29
Molecular formula	C ₈ H ₈ N ₂ O ₂ S ₂
PubChem identifier	6870
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 10 mM
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>Toxic, refer to SDS for further information.</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)NC1=C2C(=C(S2)N(C1=O)C</chem>

Source

Synthetic

Images



Chemical Structure - Thiolutin, antibiotic agent
(ab143556)

2D chemical structure image of ab143556, Thiolutin, antibiotic agent

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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