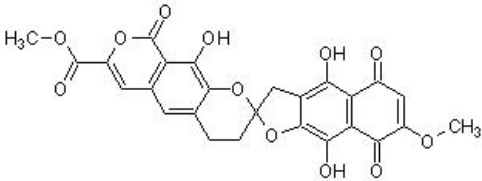


Product datasheet

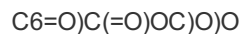
gamma-Rubromycin, HIV-1 reverse transcriptase inhibitor ab144350

Overview

Product name	gamma-Rubromycin, HIV-1 reverse transcriptase inhibitor
Description	Selective, reversible HIV-1 reverse transcriptase inhibitor. Telomerase inhibitor.
Biological description	Selective, reversible HIV-1 reverse transcriptase inhibitor. Shows equipotent template:primer competitive, TTP non-competitive RT inhibition as β -Rubromycin (ab144349). Telomerase inhibitor ($IC_{50} = 3 \mu M$, human telomerase). Shows antibacterial and cytostatic effects.
Purity	> 98%
CAS Number	27267-71-6
Chemical structure	

Properties

Chemical name	Methyl (2S)-4',9',10-trihydroxy-7'-methoxy-5',8',9-trioxospiro[3,4-dihydropyrano[4,3-g]chromene-2,2'-3H-benzo[f][1]benzofuran]-7-carboxylate
Molecular weight	522.41
Molecular formula	$C_{26}H_{18}O_{12}$
PubChem identifier	5464075
Storage instructions	Store at $-20^{\circ}C$. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
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 $-20^{\circ}C$. 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	<chem>COC1=CC(=O)C2=C(C1=O)C(=C3C(=C2O)C[C@@]4(O3)CCC5=C(O4)C(=C6C(=C5)C=C(O</chem>

**Source**

Streptomyces sp.

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

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- Response to your inquiry within 24 hours

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- 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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