



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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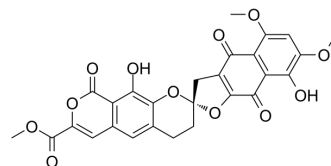
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β-Rubromycin

Cat. No.:	HY-122482	
CAS No.:	27267-70-5	
Molecular Formula:	C ₂₇ H ₂₀ O ₁₂	
Molecular Weight:	536.44	
Target:	HIV; Reverse Transcriptase; Antibiotic	
Pathway:	Anti-infection	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 1 mg/mL (1.86 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8641 mL	9.3207 mL	18.6414 mL
5 mM	---	---	---
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

β-Rubromycin is a potent and selective inhibitor of human immunodeficiency virus-1 (HIV-1) RNA-directed DNA polymerase (reverse transcriptase). β-Rubromycin is a class of quinone antibacterials^[1].

IC₅₀ & Target

reverse transcriptase^[1]

REFERENCES

[1]. Goldman ME, et al. Inhibition of human immunodeficiency virus-1 reverse transcriptase activity by rubromycins: competitive interaction at the template-primer site. Mol Pharmacol. 1990;38(1):20-25.

Caution: Product has not been fully validated for medical applications. For research use only.

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