



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

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Vancomycin-C13,D3

Chemical Properties

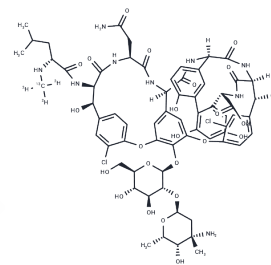
CAS No. :

Formula: $^{13}\text{C}_65\text{H}_{72}\text{D}_3\text{Cl}_2\text{N}_9\text{O}_{24}$

Molecular Weight: 1453.27

Appearance: no data available

Storage: keep away from direct sunlight, keep away from moisture, store at low temperature
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Vancomycin-C13,D3 is a compound labeled with ^{13}C and ^2H . Vancomycin is a glycopeptide antibiotic that exerts antibacterial activity by altering cell membrane permeability and selectively inhibiting RNA synthesis.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6881 mL	3.4405 mL	6.881 mL
5 mM	0.1376 mL	0.6881 mL	1.3762 mL
10 mM	0.0688 mL	0.3441 mL	0.6881 mL
50 mM	0.0138 mL	0.0688 mL	0.1376 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Harman MW, et al. Vancomycin Reduces Cell Wall Stiffness and Slows Swim Speed of the Lyme Disease Bacterium. *Biophys J.* 2017 Feb 28;112(4):746-754.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481