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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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)



Waldiomycin

Chemical Properties

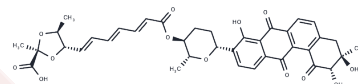
CAS No. : 1342200-33-2

Formula: C₃₈H₃₈O₁₃

Molecular Weight: 702.7

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description

Waldiomycin is an antibiotic found in *Streptomyces* sp. MK844-mF10 that inhibits Gram-positive bacteria with low GC content. It functions by targeting the ATP-binding domain of the WalK kinase, thereby inhibiting its activity and disrupting the WalK/WalR signaling pathway, which is crucial for cell growth and division.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4231 mL	7.1154 mL	14.2308 mL
5 mM	0.2846 mL	1.4231 mL	2.8462 mL
10 mM	0.1423 mL	0.7115 mL	1.4231 mL
50 mM	0.0285 mL	0.1423 mL	0.2846 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.

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