



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 HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

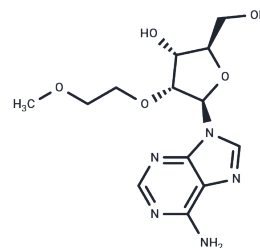
www.szabo-scandic.com

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

2'-O-(2-Methoxyethyl)adenosine

Chemical Properties

CAS No. :	168427-74-5
Formula:	C ₁₃ H ₁₉ N ₅ O ₅
Molecular Weight:	325.32
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2'-O-(2-Methoxyethyl)adenosine is a nucleoside analog used to improve RNA target affinity and nuclease resistance of therapeutic oligonucleotides in preclin.
Targets(IC50)	DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 40 mg/mL (122.9 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0739 mL	15.3695 mL	30.739 mL
5 mM	0.6148 mL	3.0739 mL	6.1478 mL
10 mM	0.3074 mL	1.5369 mL	3.0739 mL
50 mM	0.0615 mL	0.3074 mL	0.6148 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

Marais G, et al. Chemo-enzymatic synthesis of 2'-O-methoxyethyl ribonucleosides using a phosphodiesterase from *Serratia marcescens*. Appl Microbiol Biotechnol. 2005;66(5):512-519.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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