



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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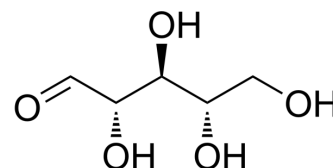
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L-Ribose

Cat. No.:	HY-W008351
CAS No.:	24259-59-4
Molecular Formula:	C ₅ H ₁₀ O ₅
Molecular Weight:	150.13
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (666.09 mM)
DMSO : 100 mg/mL (666.09 mM; Need ultrasonic)
* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		6.6609 mL	33.3045 mL	66.6089 mL
	5 mM		1.3322 mL	6.6609 mL	13.3218 mL
	10 mM		0.6661 mL	3.3304 mL	6.6609 mL

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

BIOLOGICAL ACTIVITY

Description

L-Ribose, a non-naturally occurring pentose, is an ideal starting material for use in synthesizing L-nucleosides analogues. Many anticancer and antiviral drugs are synthesized based on a backbone of L-Ribose and its derivatives^[1].

REFERENCES

[1]. Ming Chen, et al. Microbial and enzymatic strategies for the production of L-ribose. Appl Microbiol Biotechnol. 2020 Apr;104(8):3321-3329.

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

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