



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

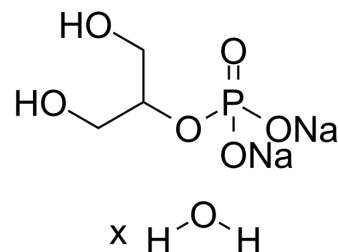
www.szabo-scandic.com

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



β-Glycerophosphate disodium salt hydrate

Cat. No.:	HY-126304
CAS No.:	154804-51-0
Molecular Formula:	$C_3H_7O_6PNa_2 \cdot xH_2O$
Target:	Endogenous Metabolite; Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 250 mg/mL (Need ultrasonic)
In Vivo	1. Add each solvent one by one: PBS Solubility: 25 mg/mL (Infinity mM); Clear solution; Need ultrasonic and warming

BIOLOGICAL ACTIVITY

Description	β-Glycerophosphate disodium salt hydrate, an endogenous metabolite, is a phosphatase inhibitor. β-Glycerophosphate disodium salt hydrate accelerates calcification in vascular smooth muscle cells ^{[1][2]} .
-------------	--

CUSTOMER VALIDATION

- Mater Today Bio. 2023 Jun, 20, 100667.
- J Dent Sci. 6 December 2021.
- J Mol Histol. 2021 Oct;52(5):1067-1080.
- Research Square Print. 2022 Aug.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Shioi A, et al. Beta-glycerophosphate accelerates calcification in cultured bovine vascular smooth muscle cells. Arterioscler Thromb Vasc Biol. 1995 Nov;15(11):2003-9.
- [2]. Belfield A, et al. Inhibition of the nucleotidase effect of alkaline phosphatase by beta-glycerophosphate. Nature. 1968 Jul 6;219(5149):73-5.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA