



SZABO SCANDIC

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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 HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

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

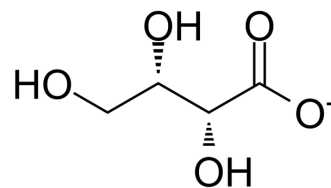
mail@szabo-scandic.com

www.szabo-scandic.com

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

Calcium L-Threonate

Cat. No.:	HY-W009208
CAS No.:	70753-61-6
Molecular Formula:	C ₄ H ₈ O ₅ ·1/2Ca
Molecular Weight:	312.29
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 5 mg/mL (16.01 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.2022 mL	16.0108 mL	32.0215 mL
	5 mM	0.6404 mL	3.2022 mL	6.4043 mL
	10 mM	0.3202 mL	1.6011 mL	3.2022 mL

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

BIOLOGICAL ACTIVITY

Description

Calcium L-Threonate is an anti-osteoporosis agent, and widely used as a calcium supplement^[1]. Calcium L-Threonate also stimulates the uptake of ascorbic acid^[2].

REFERENCES

[1]. Calcium L-Threonate, et al. Pharmacokinetics and safety of calcium L-threonate in healthy volunteers after single and multiple oral administrations. Acta Pharmacol Sin. 2011 Dec;32(12):1555-60.

[2]. Calcium L-Threonate, et al. Stimulatory action of calcium L-threonate on ascorbic acid uptake by a human T-lymphoma cell line. Life Sci. 1991;49(19):1377-81.

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