



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

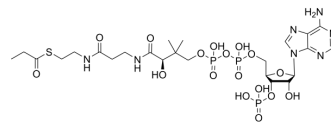
mail@szabo-scandic.com

www.szabo-scandic.com

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

Propionyl CoA

Cat. No.:	HY-141467
CAS No.:	317-66-8
Molecular Formula:	C ₂₄ H ₄₀ N ₇ O ₁₇ P ₃ S
Molecular Weight:	823.6
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Propionyl CoA serves as a common intermediate in the catabolic pathways of 1,2-propanediol and propionate in <i>Salmonella enterica</i> serovar Typhimurium LT2, and also functions as a precursor for 2-methylcitrate. Propionyl CoA is utilized as a substrate for the 2-methylcitrate synthase (PrpC) enzyme to synthesize 2-methylcitrate ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Palacios S, et al. Propionyl coenzyme A is a common intermediate in the 1,2-propanediol and propionate catabolic pathways needed for expression of the prpBCDE operon during growth of *Salmonella enterica* on 1,2-propanediol. *J Bacteriol.* 2003;185(9):2802-2810.

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