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Produktinformation



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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) 

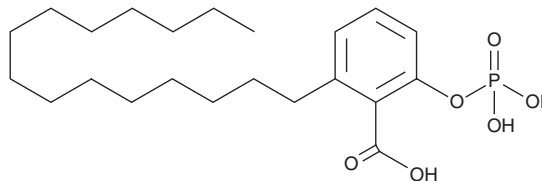
PRODUCT INFORMATION



Phospho-Ginkgolic Acid

Item No. 29638

CAS Registry No.: 2281761-58-6
Formal Name: 2-pentadecyl-6-(phosphonoxy)-benzoic acid
Synonym: Ginkgolic Acid 2-Phosphate
MF: C₂₂H₃₇O₆P
FW: 428.5
Purity: ≥95%
UV/Vis.: λ_{max}: 244 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Phospho-ginkgolic acid is supplied as a crystalline solid. A stock solution may be made by dissolving the phospho-ginkgolic acid in the solvent of choice, which should be purged with an inert gas. Phospho-ginkgolic acid is soluble in organic solvents such as ethanol and DMSO.

Description

Phospho-ginkgolic acid is an agonist of sphingosine-1-phosphate receptor 1 (S1P₁).¹ Phospho-ginkgolic acid (10 μM) induces S1P₁ receptor internalization and increases ERK phosphorylation in a concentration-dependent manner in CHO cells expressing S1P₁.

Reference

1. Swamy, M.M.M., Murai, Y., Ohno, Y., *et al.* Structure-inspired design of a sphingolipid mimic sphingosine-1-phosphate receptor agonist from a naturally occurring sphingomyelin synthase inhibitor. *Chem. Commun.* **54(90)**, 12758-12761 (2018).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897
[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM