



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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Pheophytin a

Chemical Properties

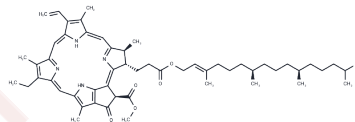
CAS No. : 603-17-8

Formula: C₅₅H₇₄N₄O₅

Molecular Weight: 871.2

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Pheophytin a, a chlorophyll isolated from <i>S. vermiculata</i> extracts, demonstrates antioxidant activity with IC ₅₀ values of 200.5 and 137.7 µg/mL for SOD and NO, respectively. It also exhibits reducing power (IC ₅₀ = 4.2 µg/mL) and a cytotoxic effect on the MCF-7 cell line (IC ₅₀ = 35.9 µg/mL) [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1478 mL	5.7392 mL	11.4784 mL
5 mM	0.2296 mL	1.1478 mL	2.2957 mL
10 mM	0.1148 mL	0.5739 mL	1.1478 mL
50 mM	0.023 mL	0.1148 mL	0.2296 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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