



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# PRODUCT INFORMATION



## 1-Stearoyl-2-Eicosapentaenoyl-*sn*-glycero-3-PE

Item No. 37702

**CAS Registry No.:** 96935-44-3  
**Formal Name:** 5Z,8Z,11Z,14Z,17Z-eicosapentaenoic acid, (1R)-1-[[[(2-aminoethoxy)hydroxyphosphinyl]oxy]methyl]-2-[(1-oxooctadecyl)oxy]ethyl ester

**Synonyms:** 1-Octadecanoyl-1-Eicosapentaenoyl-*sn*-glycero-3-Phosphatidylethanolamine, 1-Octadecanoyl-1-Eicosapentaenoyl-*sn*-glycero-3-Phosphoethanolamine, PE(18:0/20:5), 18:0/20:5-PE, 1-Stearoyl-2-Eicosapentaenoyl-*sn*-glycero-3-Phosphatidylethanolamine, 1-Stearoyl-2-Eicosapentaenoyl-*sn*-glycero-3-Phosphoethanolamine

**MF:** C<sub>43</sub>H<sub>76</sub>NO<sub>8</sub>P

**FW:** 766.0

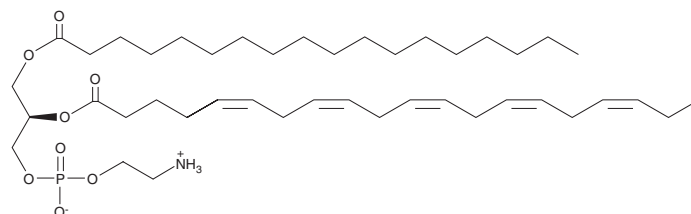
**Purity:** ≥98%

**Supplied as:** A solution in ethanol

**Storage:** -20°C

**Stability:** ≥1 year

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



### Description

1-Stearoyl-2-eicosapentaenoyl-*sn*-glycero-3-PE is a phospholipid that contains stearic acid (Item No. 10011298) and eicosapentaenoic acid (EPA; Item Nos. 90110 | 90110.1 | 21908) at the *sn*-1 and *sn*-2 positions, respectively. It has been found in fish oils.<sup>1</sup>

### Reference

1. Yu, X., Wang, Q., Lu, W., *et al.* Fast and specific screening of EPA/DHA-enriched phospholipids in fish oil extracted from different species by HILIC-MS. *J. Agric. Food Chem.* **69(28)**, 7997-8007 (2021).

#### 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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