



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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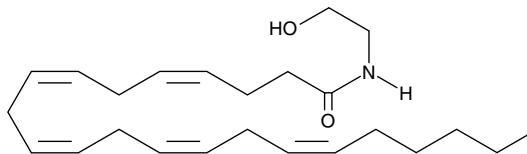
# Product Information



## 4(Z),7(Z),10(Z),13(Z),16(Z)- N-(2-hydroxyethyl)-Docosapentaenamide

Item No. 14723

**CAS Registry No.:** 211817-55-9  
**Formal Name:** N-(2-hydroxyethyl)-4Z,7Z,10Z,13Z,16Z-docosapentaenamide  
**MF:** C<sub>24</sub>H<sub>39</sub>NO<sub>2</sub>  
**FW:** 373.6  
**Purity:** ≥95%  
**Stability:** ≥1 year at -20°C  
**Supplied as:** A solution in ethanol



### Laboratory Procedures

For long term storage, we suggest that 4(Z),7(Z),10(Z),13(Z),16(Z)-N-(2-hydroxyethyl)-docosapentaenamide be stored as supplied at -20°C. It should be stable for at least one year.

4(Z),7(Z),10(Z),13(Z),16(Z)-N-(2-hydroxyethyl)-Docosapentaenamide is supplied as a solution in ethanol. To change the solvent, simply evaporate the ethanol under a gentle stream of nitrogen and immediately add the solvent of choice. Solvents such as DMSO and dimethyl formamide purged with an inert gas can be used. The solubility of 4(Z),7(Z),10(Z),13(Z),16(Z)-N-(2-hydroxyethyl)-docosapentaenamide in these solvents is approximately 16 and 20 mg/ml, respectively.

4(Z),7(Z),10(Z),13(Z),16(Z)-N-(2-hydroxyethyl)-Docosapentaenamide is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, the ethanolic solution of 4(Z),7(Z),10(Z),13(Z),16(Z)-N-(2-hydroxyethyl)-docosapentaenamide should be diluted with the aqueous buffer of choice. 4(Z),7(Z),10(Z),13(Z),16(Z)-N-(2-hydroxyethyl)-Docosapentaenamide has a solubility of approximately 0.33 mg/ml in a 1:2 solution of ethanol:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

4(Z),7(Z),10(Z),13(Z),16(Z)-N-(2-hydroxyethyl)-Docosapentaenamide is a long-chain ω-6 fatty acid with a hydroxyethylamide group attached at the alpha chain.

### Related Products

For a list of related products please visit: [www.caymanchem.com/catalog/14723](http://www.caymanchem.com/catalog/14723)

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**WARNING: THIS PRODUCT IS FOR LABORATORY RESEARCH ONLY: NOT FOR ADMINISTRATION TO HUMANS. NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

#### SAFETY DATA

This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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This limitation of liability does not apply in the case of intentional acts or negligence of Cayman, its directors or its employees.

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Said refund or replacement is conditioned on Buyer giving written notice to Cayman within thirty (30) days after arrival of the material at its destination. Failure of Buyer to give said notice within thirty (30) days shall constitute a waiver by Buyer of all claims hereunder with respect to said material.

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