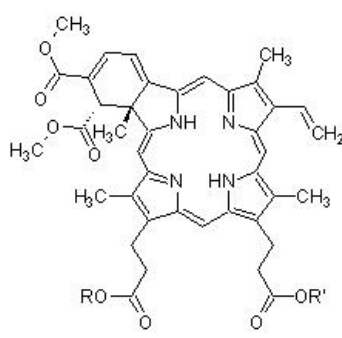


Product datasheet

Verteporfin (Visudyne), Benzoporphyrin derivative  
 ab143294

Overview

<b>Product name</b>	Verteporfin (Visudyne), Benzoporphyrin derivative
<b>Description</b>	Benzoporphyrin derivative. Antiangiogenic agent.
<b>Biological description</b>	Benzoporphyrin derivative. Antiangiogenic agent. Produces ROS on stimulation with nonthermal red light in the presence of oxygen. Prevents corneal neovascularization and shows antitumor effects <i>in vivo</i> .
<b>Purity</b>	> 97%
<b>CAS Number</b>	129497-78-5
<b>Chemical structure</b>	

R = H and R' = CH<sub>3</sub> or

R = CH<sub>3</sub> and R' = H

Properties

<b>Chemical name</b>	(4 <i>S</i> ,4 <i>aR</i> )- <i>rel</i> -18-Ethenyl-4,4 <i>a</i> -dihydro-3,4-bis(methoxycarbonyl)-4 <i>a</i> ,8,14,19-tetramethyl-24 <i>H</i> ,26 <i>H</i> -benzo[ <i>b</i> ]porphine-9,13-dipropanoic acid monomethyl ester
<b>Molecular weight</b>	718.79
<b>Molecular formula</b>	C <sub>41</sub> H <sub>42</sub> N <sub>4</sub> O <sub>8</sub>
<b>PubChem identifier</b>	5362420
<b>Storage instructions</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mg/ml
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in

tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

**SMILES**

CC1=C(C2=CC3=NC(=CC4=C(C(=C(N4)C=C5[C@@]6([C@@H](C(=CC=C6C(=N5)C=C1N2)C(=O)OC)C(=O)OC)C)CCC(=O)OC)C(=C3C)CCC(=O)O)C=C

**Source**

Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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