

R-Phycoerythrin from Porphyra tenera "Nori" Biochemical

R-Phycoerythrin from Porphyra tenera "Nori", PE dye for conjugation

CATALOG #
AAA59120

PRODUCT SYNONYMS

R-Phycoerythrin from Porphyra tenera "Nori"; PE dye for conjugation; R-Phycoerythrin from Porphyra tenera "Nori" biochemical

PRODUCT SPECIFICATIONS

Concentration	10mg/mL (varies by lot)
CAS Number	11016-17-4
Appearance	Liquid
Introduction	Phycoerythrin (PE) is a red protein-pigment complex from the light-harvesting phycobiliprotein family, present in red algae and cryptophytes, accessory to the main chlorophyll pigments responsible for photosynthesis. The red pigment is due to the prosthetic group, phycoerythrobilin, which gives phycoerythrin its red color. Like all phycobiliproteins, it is composed of a protein part covalently binding chromophores called phycobilins. In the phycoerythrin acceptor chromophore, Phycoerythrobilin is a linear tetrapyrrole molecule found in a cyanobacteria, red algae, and cryptomonads. Together with other bilins such as phycocyanobilin it serves as a light-harvesting pigment in the photosynthetic light-harvesting structures of cyanobacteria called phycobilisomes.
Preparation and Storage	Store at 2-8°C for 1 year.

ADDITIONAL INFORMATION

Product Categories/Family for R-Phycoerythrin from Porphyra tenera "Nori" biochemical

Biochemicals

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/r-phycoerythrin-from-porphyra-tenera-nori/59120>