

Zeaxanthin Biochemical

Zeaxanthin

CATALOG #
AAA201942

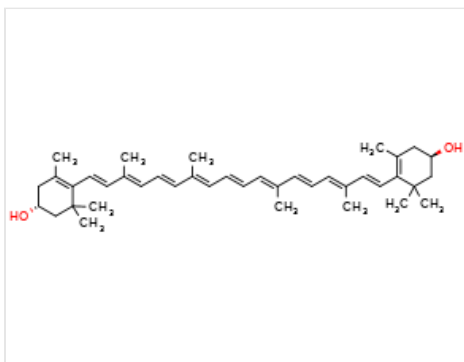
PRODUCT SYNONYMS

Zeaxanthin; beta-Carotene-3; 3-diol; Anchovyxanthin; Zeaxanthin biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98%
Target	AChR
Receptor	Antioxidant
Pathway	Endocrinology / Hormones
Chemical Name	4-[18-(4-hydroxy-2, 6, 6-trimethyl-1-cyclohexenyl)-3, 7, 12, 16-tetramethyl-octadeca-1, 3, 5, 7, 9, 11, 13, 15, 17-nonaenyl]-3, 5, 5-trimethyl-cyclohex-3-en-1-ol
SMILES	<chem>CC1=C(C(CC(C1)O)(C)C)C=CC(=CC=CC(=CC=CC(C)C)=CC=C(C)C=CC2=C(CC(CC2(C)C)O)C)C</chem>
Molecular Formula	C40H56O2
CAS Number	144-68-3
Preparation and Storage	Store at -20 degree C.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Zeaxanthin biochemical	Zeaxanthin is one of the most common carotenoid alcohols found in nature. It is important in the xanthophyll cycle. Synthesized in plants and some micro-organisms, it is the pigment that gives paprika (made from bell peppers), corn, saffron, wolfberries, and many other plants and microbes their characteristic color.
Product Categories/Family for Zeaxanthin biochemical	Endocrinology/Hormones; Others-Field

NCBI AND UNIPROT INFORMATION

Molecular Weight	568.88
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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://www.aaabiotech.com/biochemical/zeaxanthin/201942>