

Product Name	: Zeaxanthin
Synonyms	: beta-Carotene-3,3'-diol; Zeaxanthin; Anchovyxanthin
Cat No.	: M18024
CAS Number	: 144-68-3
Molecular Formula	: C ₄₀ H ₅₆ O ₂
Formula Weight	: 568.88
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
Description	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.
Pathway	: Endocrinology/Hormones
Target	: AChR
Receptor	: Antioxidant
Solubility	: —
SMILES	: <chem>CC1=C(C(C(C1)O)(C)C)C=CC(=CC=CC(=CC=CC(C)C)C=CC=C(C)C=CC2=C(C(C(C2)O)C)C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

