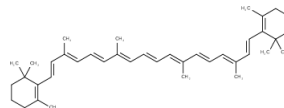


Product Name	: Beta-Carotene
Synonyms	: Food Orange 5; KPMK; Lucarotin; NSC 62794; Provatene; Provitamin A; Solatene
Cat No.	: M15771
CAS Number	: 7235-40-7
Molecular Formula	: C ₄₀ H ₅₆
Formula Weight	: 536.87
Chemical Name	: (all-E)-1,1'-(3,7,12,16-Tetramethyl-1,3,5,7,9,11,13,15,17-octadecanonaene-1,18-diyl)bis(2,6,6-trimethylcyclohexene)
Description	: β-Carotene is an organic compound and classified as a terpenoid. It is a precursor (inactive form) of vitamin A.
Pathway	: Metabolic Enzyme/Protease
Target	: Vitamin
Receptor	: VA
Solubility	: Ethanol: 5 mg/mL warmed (9.31 mM); DMSO: 4 mg/mL warmed (7.45 mM)
SMILES	: <chem>CC(C)=C/C=C/C=C(C)CCCC1(C)C=C\C=C\C(C)C=C\C=C\C(C)C=C\C=C\C(C)C=C\C=C\C(C)C2=C(C)CCCC2(C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Kasperczyk S, et al. Toxicol Appl Pharmacol. 2014 Oct 1;280(1):36-4