



Formula: C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>

MW: 472.75

CAS: 7695-91-2

TNP NUMBER: TNP00562

MDL NUMBER: MFCD00006847

IUPAC: 2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)chroman-6-yl acetate

Smiles: Cc1c2c(c(c(c1C)OC(C)=O)C)CCC(O2)(CCCC(CCCC(CCCC(C)C)C)C)C)C

Oil

Most bioactive form of naturally occurring of vitamin E

THERAPEUTIC CATEGORY: Vitamin E supplement, antioxidant

ACCEPTORS: 3

DONORS: 0

ROTATION BONDS: 14

N+O: 3

Chiral Centers: 3

LogP: 12.75

LogS: -8.28

LIPINSKI: 3

Synonyms:

3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-,acetate,(2r\*(4r\*,8r\*))-(+)-2h-1-benzopyran-6-o;3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-,acetate,[2R\*(4R\*,8R\*)]-(+)-2H-1-Benzopyran-6-ol;acetate,(2r\*(4r\*,8r\*))-(+)-yl);acetate,[2theta(4theta,8theta)]-(+/-)-yl);ephynal;syntopherolacetate;(+) -A-TOCOPHEROL;EPSILAN-M

CAS:52225-20-4

MF:C31H52O3

MW:472.74

EINECS:231-710-0

Product Categories:Organics DL-ALPHA-TOCOPHEROL ACETATE

Chemical Properties: density 0.96 g/mL at 20 C(lit.) refractive index n20/D 1.497 storage temp. 2-8C

CAS DataBase Reference: 52225-20-4(

CAS DataBase Reference: )

Safety Information: WGK Germany 1 RTECS GA8747000 F 8-10-23  
DL-ALPHA-TOCOPHEROL ACETATE

Usage And Synthesis:

Chemical Properties: clear light yellow to light green viscous liquid DL-ALPHA-TOCOPHEROL ACETATE

