



Formula: C<sub>14</sub>H<sub>18</sub>O<sub>4</sub>

MW: 250.29

CAS: 53174-06-4

MDL NUMBER: MFCD00006846

IUPAC: (2S)-6-hydroxy-2,5,7,8-tetramethylchromane-2-carboxylic acid

Smiles: Cc1c2c(OC(CC2)(C(=O)O)C)c(c(c1O)C)C

a hydrophilic analogue of vitamin E

THERAPEUTIC CATEGORY: Antioxidant

ACCEPTORS: 4

DONORS: 2

ROTATION BONDS: 3

N+O: 4

Chiral Centers: 1

LogP: 3.65

LogS: -3.95

LIPINSKI: 4

Synonyms: TIMTEC-BB SBB005933;TROLOX;TROLOX(R);TROLOXTM  
C;6-HYDROXY-2,5,7,8-TETRAMETHYLCHROMAN-2-CARBOXYLIC  
ACID;(±)-6-HYDROXY-2,5,7,8-TETRAMETHYLCHROMANE-2-CARBOXYLIC  
ACID;6-HYDROXY-2,5,7,8-TETRAMETHYLCHROMAN-2-CARBOXYLIC;6-HYDROXYTETRA  
METHYLCHROMAN-2-CARBOXYLICACID

CAS:56305-04-5

MF:C14H18O4

MW:250.29

EINECS:258-422-8

Product Categories: 6-HYDROXY-2,5,7,8-TETRAMETHYLCHROMAN-2-CARBOXYLIC ACID

Chemical Properties: mp 187-189 C(lit.) Xi Risk Statements 36/37/38 Safety Statements  
26-36 WGK Germany 2 RTECS DJ2273000  
6-HYDROXY-2,5,7,8-TETRAMETHYLCHROMAN-2-CARBOXYLIC ACID

Usage And Synthesis: 6-HYDROXY-2,5,7,8-TETRAMETHYLCHROMAN-2-CARBOXYLIC  
ACID

