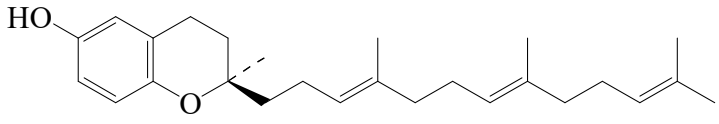
>>**Entry Name: 3,4-Dihydro-2-methyl-2-(4,8,12-trimethyl-3,7,11-tridecatrienyl)-2*H*-1-benzopyran-6-ol,** 9CI
Synonym(s): 2-Methyl-2-(4,8,12-trimethyl-3,7,11-tridecatrienyl)-6-chromanol, 8CI. Demethyl-δ-tocotrienol



CAS Registry Number: 6829-55-6
Extra CAS Registry Numbers(s): 97530-73-9 136774-61-3 136774-62-4

Molecular Formula: $C_{26}H_{38}O_2$
Molecular Weight: 382.585
Accurate Mass: 382.28718
Percentage Composition: C 81.63%; H 10.01%; O 8.36%
Other Data: Basic nucleus of the tocotrienols: see α-Tocotrienol CLT28-X, β-Tocotrienol CLT26-V, δ-Tocotrienol BZG51-V, γ-Tocotrienol BZG50-U

>>**Variant:** (*R*)-form

Molecular Formula: $C_{26}H_{38}O_2$
Molecular Weight: 382.585
Accurate Mass: 382.28718
Percentage Composition: C 81.63%; H 10.01%; O 8.36%
Biological Source: Isol. from rice bran
Biological Use/Importance: Antitumour agent and antioxidant

References:

Cimino, G. *et al.*, *Tetrahedron*, 1985, **41**, 1093-1100, *(synth)*
Eur. Pat., 1991, 421 419; *CA*, **115**, 198523g, *(synth, ir, pmr)*
Pearce, B.C. *et al.*, *J. Med. Chem.*, 1992, **35**, 3595-3606; 1994, **37**, 526-541, *(synth, ir, pmr, use)*
Qureshi, A.A. *et al.*, *J. Agric. Food Chem.*, 2000, **48**, 3130-3140, *(isol)*