

Campestanol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Campestanol

Catalog No.: CFN93818

Cas No.: 474-60-2

Purity: > 98%

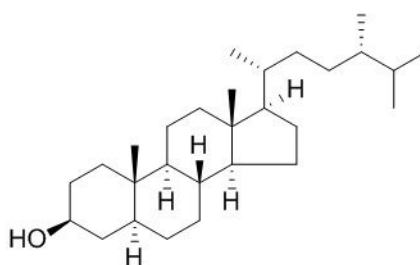
M.F: C₂₈H₅₀O

M.W: 402.70

Physical Description: Powder

Synonyms: (24R)-24-Methyl-5 α -cholestan-3 β -ol; Dihydrocampesterin;

(3 β ,5 α ,24R)-Ergostan-3-ol.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

[Source]

The seeds of *Brassica campestris*.

[Biological Activity or Inhibitors]

Once absorbed by sitosterolemic patients, the prolonged retention of sitostanol and campestanol in plasma may increase their atherogenic potential.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 230 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Connor W E, Lin D S, Pappu A S, *et al. Lipids*, 2005, 40(40):919-23.

[2] Funari C S, Gullo F P, Napolitano A, *et al. Food Chem.*, 2012, 135(3):2086-94.

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