



alpha-Amyrin palmitate Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: alpha-Amyrin palmitate

Catalog No.: CFN98210

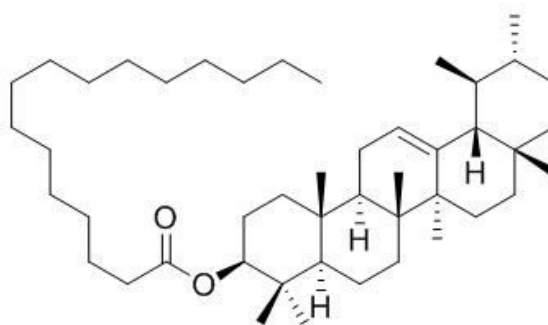
Cas No.: 22255-10-3

Purity: > 95%

M.F: C₄₆H₈₀O₂

M.W: 665.1

Physical Description: Powder



Synonyms: (3S,4aR,6aR,6bS,8aR,11R,12S,12aR,14aR,14bR)-4,4,6a,6b,8a,11,12,14b-octamethyl-1,2,3,4,4a,5,6,6a,6b,7,8,8a,9,10,11,12,12a,14,14a,14b-icosahydricen-3-yl palmitate.

[Intended Use]

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

[Source]

The herbs of *Ficus tikoua*.

[Biological Activity or Inhibitors]

alpha-Amyrin palmitate is antiarthritic in the adjuvant model of arthritis in rats.^[1]

alpha-Amyrin palmitate is a potent non-competitive inhibitor of chymotrypsin ($K_i=6$ microM).^[2]

alpha Amyrin palmitate shows weak cytotoxicity against the A2780 human ovarian cancer cell line.^[3]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Kweifiookai G, Bird D, Eu P, *et al. Drugs Exp.Clin.Res.* 1994;20(1):1-5.

[2] Rajic A, Kweifiookai G, Macrides T, *et al. Planta Med.*,2000, 66(3):206-10.

[3] Maggs C A. *J. Phycol.*,2002, 38(4):619-20.

[Contact]

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