



## Taraxeryl acetate Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)

### [ Product Information ]

**Name:** Taraxeryl acetate

**Catalog No.:** CFN98087

**Cas No.:** 2189-80-2

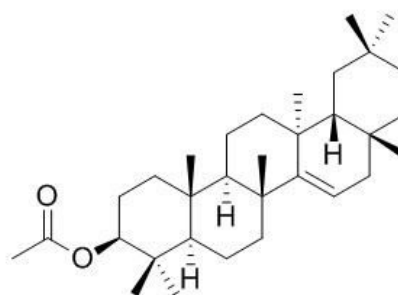
**Purity:** > 98%

**M.F:** C<sub>32</sub>H<sub>52</sub>O<sub>2</sub>

**M.W:** 468.8

**Physical Description:** Powder

**Synonyms:** Acetyl taraxerol; Taraxerol monoacetate; Friedoolean-14-en-3-yl acetate; D-Friedoolean-14-en-3β-yl acetate; (3β,13α)-13-Methyl-27-norolean-14-en-3-ol 3-acetate.



### [ Intended Use ]

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Cosmetic research
5. Synthetic precursor compounds;
6. Ingredient in supplements, beverages;
7. Intermediates & Fine Chemicals;
8. Others.

## **[ Source ]**

The herb of *Taraxacum mongolicum* Hand. Mazz.

## **[ Biological Activity or Inhibitors ]**

Taraxerol has inhibitory effects on AGS cell growth through inducing G2/M arrest and promotion of cell apoptosis, taraxeryl acetate has less effect on cell cycle arrest and apoptosis of AGS cells than taraxerol.<sup>[1]</sup>

Taraxeryl acetate has some antimicrobial activities, might be potential sources of new antimicrobial drug.<sup>[2]</sup>

## **[ Solvent ]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone.

## **[ HPLC Method ]**

Not data available.

## **[ Storage ]**

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

## **[ References ]**

[1] Tan B, Shi H L, Ji G, *et al. Journal of Chinese Integrative Medicine*, 2011, 32(6): 1278-84.

[2] Kuete V, Nana F, Ngameni B, *et al. J. Ethnopharmacol.*, 2009, 124(3):556-61.

## **[ Contact ]**

### **Address:**

S5-3 Building, No. 111, Dongfeng Rd.,  
Wuhan Economic and Technological Development Zone,  
Wuhan, Hubei 430056,

**Email:** [info@chemfaces.com](mailto:info@chemfaces.com)

**Tel:** +86-27-84237783

**Fax:** +86-27-84254680

**Web:** [www.chemfaces.com](http://www.chemfaces.com)

China

**Tech Support:** [service@chemfaces.com](mailto:service@chemfaces.com)