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3rd Edition (Revised in January, 2014)

### **[ Product Information ]**

**Name:** Totaradiol

**Catalog No.:** CFN98610

**Cas No.:** 3772-56-3

**Purity:** > 95%

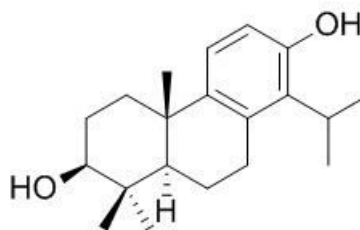
**M.F:** C<sub>20</sub>H<sub>30</sub>O<sub>2</sub>

**M.W:** 302.5

**Physical Description:** Powder

**Synonyms:**

8,11,13-Totaratriene-3beta,13-diol



### **[ Intended Use ]**

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

### **[ Source ]**

The woodhearts of *Podocarpus lambertius*

## **[ Applications ]**

Antibacterial activity.

Totaradiol was shown to be effective to protect biological systems and function against various oxidative stresses.

## **[ Solvent ]**

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

## **[ HPLC Method ]**

Mobile phase: Methanol- 1% Acetic acid H<sub>2</sub>O=90:10;

Flow rate: 1.0 ml/min;

The wave length of determination: 270 nm.

## **[ Storage ]**

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

## **[ References ]**

1. Phytochemistry, 1975, 14, 243.
2. Phytochemistry, 1991, 30, 1951.
3. J. Nat. Prod., 1992, 55(10), 1436-1440.
4. Planta Med., 1997, 63(3), 213-215.
5. Biomedical Chromatography, 2009, 23(10), 1116-1120.