

## Tetrahydroxysqualene Datasheet

5<sup>th</sup> Edition (Revised in January, 2017)

### [ Product Information ]

**Name:** Tetrahydroxysqualene

**Catalog No.:** CFN99062

**Cas No.:** 1043629-23-7

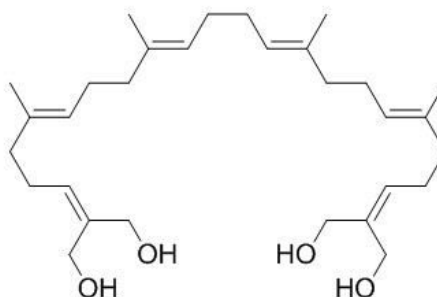
**Purity:** > 95%

**M.F:** C<sub>30</sub>H<sub>50</sub>O<sub>4</sub>

**M.W:** 474.7

**Physical Description:** Powder

**Synonyms:**



### [ Intended Use ]

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

### [ Source ]

The barks of *Toxicodendron vernicifluum*.

### [ Biological Activity or Inhibitors ]

Tetrahydroxysqualene exhibits antituberculosis activity with an MIC of 10.0 microg/mL,

while shows only modest cytotoxicity.<sup>[1]</sup>

## **[ 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] Noro J C, Barrows L R, Gideon O G, *et al. J. Nat. Prod.*,2008, 71(9):1623-4.

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