

## 4beta-Carboxy-19-nortotarol Datasheet

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

### [ Product Information ]

**Name:** 4beta-Carboxy-19-nortotarol

**Catalog No.:** CFN96167

**Cas No.:** 55102-39-1

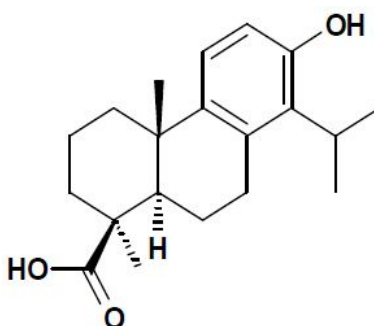
**Purity:** > 95%

**M.F:** C<sub>20</sub>H<sub>28</sub>O<sub>3</sub>

**M.W:** 316.4

**Physical Description:** Powder

**Synonyms:** (1S,4aS,10aR)-7-Hydroxy-8-isopropyl-1,4a-dimethyl-1,2,3,4,4a,9,10,10a-octahydrophenanthrene-1-carboxylic acid.



### [ Intended Use ]

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

### [ Source ]

The heartwoods of *Podocarpus macrophyllus*.

### [ Biological Activity or Inhibitors ]

4 beta-Carboxy-19-nortotarol can inhibit microsomal lipid peroxidation induced by Fe(III)-ADP/NADPH and mitochondrial lipid peroxidation induced by Fe(III)-ADP/ NADH, it inhibits linoleic acid autoxidation but not generation of superoxide anion.<sup>[1]</sup>

### **[ Solvent ]**

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

### **[ HPLC Method ]**

Not data available.

### **[ Storage ]**

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

### **[ References ]**

[1] Haraguchi H, Ishikawa H, Kubo I. *Planta Med.*, 1997, 63(3):213-5.

### **[ Contact ]**

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