

## Meridinol Datasheet

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

### [ Product Information ]

**Name:** Meridinol

**Catalog No.:** CFN99313

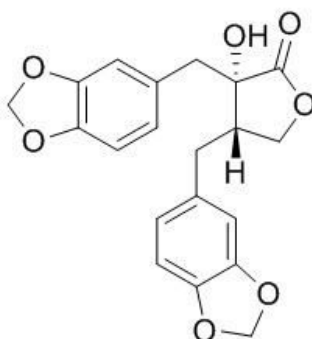
**Cas No.:** 120051-54-9

**Purity:** > 95%

**M.F:** C<sub>20</sub>H<sub>18</sub>O<sub>7</sub>

**M.W:** 370.4

**Physical Description:** Powder



**Synonyms:**2(3H)-Furanone,3,4-bis(1,3-benzodioxol-5-ylmethyl)dihydro-3-hydroxy-, (3S-cis)-.

### [ Intended Use ]

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

### [ Source ]

The fruits of *Zanthoxylum fagara*.

### [ Biological Activity or Inhibitors ]

Meridinol shows antimicrobial activity against a wide range of gram-positive and gram-negative bacteria and fungi.<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] Alam F, Haque M, Sohrab H, *et al. Lat. Am. J. Pharm.*, 2011, 30(3):550-3.

### **[ Contact ]**

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