[ **Product Information** ]

**Name:** Mulberrofuran A  
**Catalog No.:** CFN92772  
**Cas No.:** 68978-04-1  
**Purity:** > 95%  
**M.F:** C_{25}H_{28}O_{4}  
**M.W:** 392.5  
**Physical Description:** Powder  
**Synonyms:** 2-[[2-[(2E)-3,7-Dimethyl-2,6-octadien-1-yl]-5-hydroxy-3-methoxyphenyl]-6-benzofuranol.

[ **Intended Use** ]

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

[ **Source** ]

The root bark of *Morus alba L.*

[ **Biological Activity or Inhibitors** ]
Mulberrofuran A can inhibit the formations of 12-hydroxy-8, 10-heptadecatrienoic acid (HHT) and thromboxane B2, but it can increase the formation of 12-hydroxy-5, 8, 10, 14-eicosatetraenoic acid (12-HETE).\textsuperscript{[1]}

[ **Solvent** ]

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

[ **HPLC Method** ]\textsuperscript{[2]}

Mobile phase: 0.05% Formic acid in water- 0.05% Formic acid in acetonitrile, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 30 °C;
The wavelength of determination: 254 nm.

[ **Storage** ]

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

[ **References** ]


[ **Contact** ]

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