[ Product Information ]

Name: Atractylopin
Catalog No.: CFN99535
Cas No.: 55290-63-6
Purity: > 98%
M.F: C_{13}H_{10}O
M.W: 182.22

Physical Description: Brown powder
Synonyms: 2-[(1E,7E)-nona-1,7-dien-3,5-diynyl]furan.

[ Intended Use ]

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

[ Source ]

The root of Atractylodes chinensis (DC.) Koidz.

[ Biological Activity or Inhibitors ]
Atractyodin biosynthesis could be promoted by endophytic fungal elicitor mediated through NO followed by salicylic acid by activating ACC in A.lancea.\[1\]
Atractyldin and atractylenolide II have a good potential as a source for natural repellents, and atractyldin has the potential to be developed as natural insecticide.\[2\]

**[Solvent]**
Ethyl ether, Chloroform, Dichloromethane, DMSO, Ethyl Acetate, Acetone, etc.

**[HPLC Method]**\[3\]
Mobile phase: Acetonitrile-H2O=76:24;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 340nm.

**[Storage]**
2-8°C, Protected from air and light, refrigerate or freeze.

**[References]**

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