



alpha-Terthienylmethanol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: alpha-Terthienylmethanol

Catalog No.: CFN99395

Cas No.: 13059-93-3

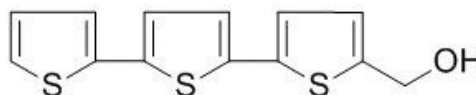
Purity: > 95%

M.F: C₁₃H₁₀OS₃

M.W: 278.4

Physical Description: Yellow powder

Synonyms: [5-(5-Thiophen-2-ylthiophen-2-yl)thiophen-2-yl]methanol.



[Intended Use]

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

[Source]

The herbs of *Eclipta alba*.

[Biological Activity or Inhibitors]

alpha-Terthienylmethanol induces apoptosis in human endometrial cancer cells by ROS

production, partially via NADPH oxidase.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 0.5% Formic acid in water- Acetonitrile, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 395 nm.

[Storage]

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

[References]

[1] Lee J S, Ahn J H, Cho Y J, *et al. J. Ethnopharmacol.*, 2015 Jul1;169:426-34.

[2] Han Q, Xi F M, Zhang F, *et al. Journal of Shenyang Pharmaceutical University*, 2015 (4).

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