

4-Hydroxycinnamamide Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 4-Hydroxycinnamamide

Catalog No.: CFN99895

Cas No.: 194940-15-3

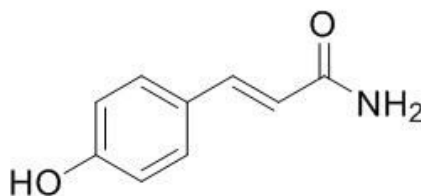
Purity: > 95%

M.F: C₉H₉NO₂

M.W: 163.2

Physical Description: Powder

Synonyms: 2-PropenaMide, 3-(4-hydroxyphenyl)-, (2E)-;3-(4-Hydroxyphenyl)acrylaMide.



[Intended Use]

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

[Source]

The herbs of *Berberis pruinosa*.

[Biological Activity or Inhibitors]

4-Hydroxycinnamamide has antioxidant activity.^[1]

4-Hydroxycinnamamide derivatives are specific inhibitors of tyrosine-specific protein kinases.^[2]

[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] Jung Y S, Kang T S, Yoon J H, *et al. Bioorg. Med. Chem. Lett.*, 2002, 12(18):2599-602.

[2] Shiraishi T, Domoto T, Imai N, *et al. Biochem. Biophys. Res. Commun.*, 1987, 147(1):322-8.

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