

Cinnamamide Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Cinnamamide

Catalog No.: CFN98093

Cas No.: 22031-64-7

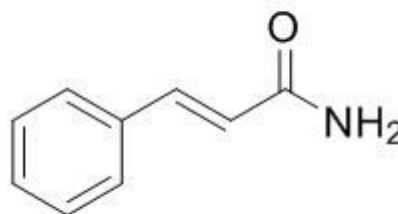
Purity: > 95%

M.F: C₉H₉NO

M.W: 147.2

Physical Description: Powder

Synonyms: (2E)-3-phenylprop-2-enamide.



[Intended Use]

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

[Source]

The barks of *Cinnamomum cassia* Presl.

[Biological Activity or Inhibitors]

Cinnamamide, a non-lethal repellent, deters feeding by a wide range of avian species;cinnamamide has the potential for use against the commensal rodent *Mus musculus* in situations where use of lethal control methods could be hazardous (e.g. food stores).[¹]

Cinnamamide is an antitumor agent with low cytotoxicity acting on matrix metalloproteinase, and may serve as a lead compound in the development of antitumor drugs.[²]

Cinnamamide and betaine cinnamamide have growth-regulating activity on wheat.[³]

[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] Gurney J E, Watkins R W, Gill E L, *et al. Applied Animal Behaviour Science*, 1996, 49(4):353-63.

[2] Jiang X, Zhen Y. *Anti-Cancer Drugs*, 2000, 11(1):49-54.

[3] Chen W, Xu L. *Advance Journal of Food Science & Technology*, 2015,7(8):584-8.

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