Benzyl cinnamate Datasheet

4th Edition (Revised in July, 2016)

[ Product Information ]

Name: Benzyl cinnamate
Catalog No.: CFN98196
Cas No.: 103-41-3
Purity: >=99%
M.F: C16H14O2
M.W: 238.28
Physical Description: Powder
Synonyms: Benzyl trans-3-phenylpropenoate.

[ Intended Use ]

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

[ Source ]

The barks of Cinnamomum cassia Presl.

[ Biological Activity or Inhibitors ]

Benzyl cinnamate (Jacobson's solution) with vitamin A can treat cerebrovascular lesions.[1]
Benzyl cinnamate can treat trachoma and corneal opacities.[2]
Benzyl cinnamate can treat Meniere's syndrome and tinnitus aurum. [3]
Benzyl cinnamate and dibenzalacetone are non-steroidal anti-inflammatory compounds and compositions thereof.[4]
Benzyl cinnamate solution has effectivity action in chronic inflammatory lesions of the pelvis.[5]

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

[ HPLC Method ][6]
Mobile phase: Acetonitrile-H2O,gradient elution ;
Flow rate: 1.0 ml/min;
Column temperature: 30 ℃;
The wave length of determination: 254 nm.

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

[ References ]

[ Contact ]