Homovanillic acid Datasheet


[ Product Information ]

Name: Homovanillic acid
Catalog No.: CFN99763
Cas No.: 306-08-1
Purity: >=99%
M.F: C₉H₁₀O₄
M.W: 182.17
Physical Description: Powder
Synonyms: 4-Hydroxy-3-methoxyphenylacetic acid.

[ Intended Use ]

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

[ Source ]

The barks of Ilex rotunda Thunb.

[ Biological Activity or Inhibitors ]

Homovanillic acid concentrations in brain, CSF and plasma as indicators of central
dopamine function in primates.[1]

[ Solvent ]

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

[ HPLC Method ][2 ]

Mobile phase: Acetonitrile- 3% Acetonitrile in 0.05 M aqueous sodium citrate buffer (pH=5.0)=30:70 ;
Flow rate: 2.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 230 nm.

[ Storage ]

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

[ References ]


[ Contact ]

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