[Product Information]

Name: Fumaric acid
Catalog No.: CFN99201
Cas No.: 110-17-8
Purity: > 95%
M.F: C₄H₄O₄
M.W: 116.1
Physical Description: Powder
Synonyms: trans-2-Butenedioic acid.

[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 Fumaria officinalis.

[Biological Activity or Inhibitors]
Fumaric acid derivatives have antipsoriatic effect.[1]
Supplementation of fumaric acid to starter diets during the first 3 to 4 wk after weaning increases the ileal digestibilities of GE, CP, and amino acids.[2]

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

[HPLC Method][3]
Mobile phase: Acetonitrile-0.1%Phosphoric acid H2O, gradient elution;
Flow rate: 0.5 ml/min;
Column temperature: 38 ℃;
The wavelength of determination: 210 nm.

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

[References]