[ Product Information ]

Name: Pyrogallol
Catalog No.: CFN97443
Cas No.: 87-66-1
Purity: > 95%
M.F: C₆H₆O₃
M.W: 126.1
Physical Description: Powder
Synonyms: 1,2,3-Trihydroxybenzen.

[ Intended Use ]

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

[ Source ]

The stem of Cotinus coggygria Scop.

[ Biological Activity or Inhibitors ]

Pyrogallol has autoxidation activity.[¹]
Pyrogallol has antiproliferative effects on human tumor cell lines.[²]

Several pyrogallol compounds as single digit micromolar inhibitors of bacterial quorum sensing in Vibrio harveyi. [³]

Pyrogallol as an active compound responsible for the anti-inflammatory effect of Emblica officinalis (EO) and suggest to extend the investigation in pre-clinical studies in airway animal models in vivo, to test the efficacy and safety of this molecule in CF chronic lung inflammatory disease.[⁴]

Pyrogallol inhibits the growth of Calu-6 cells via caspase-dependent apoptosis.[⁵]

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

[ HPLC Method ][⁶ ]
Mobile phase: Methanol-0.1%Trifluoroacetic acid in water, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 266 nm.

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

[ References ]

[Contact]

Address: S5-3 Building, No. 111, Dongfeng Rd., Wuhan Economic and Technological Development Zone, Wuhan, Hubei 430056, China

Email: info@chemfaces.com
Tel: +86-27-84237783
Fax: +86-27-84254680
Web: www.chemfaces.com
Tech Support: service@chemfaces.com