

Catalog Number: CM00412

产品信息

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CM00412

CAS号:
1034-01-1

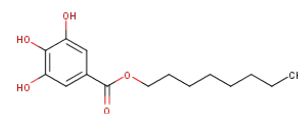
分子式:
C₁₅H₂₂O₅

主要靶点:
Antifungal|HSV|Antioxidant|Influenza
Virus|Antibacterial|Reactive
Oxygen Species

主要通路:
代谢|NF-κB信号通路|免疫与炎症|
微生物学|氧化还原

分子量:
282.33

溶解度:
Chloroform, Dichloromethane,
Ethyl Acetate, Acetone,
etc.: Soluble, DMSO: 51
mg/mL (180.6 mM)



描述

1. Octyl Gallate is an antioxidant approved by the US Food and Drug Administration (FDA) as a food additive. 2. Octyl Gallate has antimetastatic activity. 3. Octyl Gallate shows antimicrobial activity against *H. pylori*, with a minimum inhibitory concentration (MIC) value of 125 ug/mL. 4. Combination therapy with octyl gallate and ferulic acid improves cognition and neurodegeneration in a transgenic mouse model of Alzheimer's disease. 5. Octyl Gallate is a potential anticancer agent, it exhibited decreased MCF-7 & MDA-MB-231 survival and induced apoptosis, with IC₅₀ value of 40 uM. 6. Octyl gallate has antiviral activity, it shows an inhibitory effect on the growth of herpes simplex virus type 1 (HSV-1) in HEp-2 or Vero cells. 7. Octyl gallate shows antifungal activity against *Saccharomyces cerevisiae* ATCC 7754 and *Zygosaccharomyces bailii* ATCC 60483.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years