



LKT Laboratories, Inc.
Phenethyl Dimethyl Caffeate

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lctlabs.com
Web: lctlabs.com

Product Information

Product ID P2410

CAS No. 14551-14-0

Chemical Name

Synonym Caffeic Acid, Dimethyl Phenethyl Ester

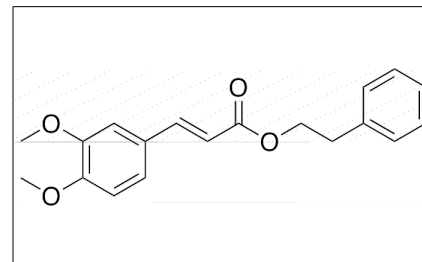
Formula C₁₉H₂₀O₄

Formula Wt. 312.37

Melting Point 97-98°C

Purity ≥98%

Solubility Soluble in DMSO.



Bulk quantities available upon request

Product ID	Size
------------	------

P2410	50 mg
-------	-------

P2410	100 mg
-------	--------

P2410	500 mg
-------	--------

Store Temp Ambient

Ship Temp Ambient

Description Phenethyl dimethyl caffeate (PEDMC) exhibits antiviral and immunomodulatory potential. Similar compounds display potential anticancer benefit as well. In vitro and in vivo, this compound may inhibit replication of HIV; it also increases levels of IL-2, IL-4, and IFN-γ.

References Ho CC, Lin SS, Chou MY, et al. Effects of CAPE-like compounds on HIV replication in vitro and modulation of cytokines in vivo. J Antimicrob Chemother. 2005 Aug;56(2):372-9. PMID: 16002419.

Lee YJ, Liao PH, Chen WK, et al. Preferential cytotoxicity of caffeic acid phenethyl ester analogues on oral cancer cells. Cancer Lett. 2000 May 29;153(1-2):51-6. PMID: 10779629.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.