Methyl caffeate is a polyphenol found in species of *Solanum* and *Magnolia*; it exhibits antibiotic, anti-diabetic, antiviral, and anticoagulant activities. Methyl caffeate displays antibacterial efficacy against *Pseudomonas*, *Klebsiella*, and *Mycobacterium*. This compound also inhibits HIV replication and displays antiplatelet activity in various in vitro models. In diabetic rats, methyl caffeate decrease blood glucose levels and upregulates expression of GLUT4; it also inhibits α-glucosidase. Methyl caffeate exhibits weaker anticancer and chemopreventive activities than other caffeic acid esters.

References


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