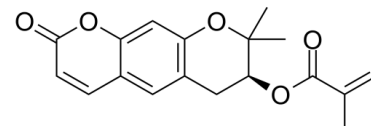


Data Sheet

Product Name:	Decursinol angelate
Cat. No.:	CS-0032746
CAS No.:	130848-06-5
Molecular Formula:	C ₁₉ H ₂₀ O ₅
Molecular Weight:	328.36
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Solubility:	DMSO : 100 mg/mL (304.54 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Decursinol angelate, a cytotoxic and **protein kinase C (PKC)** activating agent from the root of *Angelica gigas*, possesses anti-tumor and anti-inflammatory activities^{[1][2]}. IC₅₀ & Target: PKC^[1].

References:

- [1]. Ahn KS, et al. Decursinol angelate: a cytotoxic and protein kinase C activating agent from the root of *Angelica gigas*. *Planta Med.* 1997 Aug;63(4):360-1.
[2]. Lee S, et al. Anti-tumor activities of decursinol angelate and decursin from *Angelica gigas*. *Arch Pharm Res.* 2003 Sep;26(9):727-30.

CAIndexNames:

2-Butenoic acid, 2-methyl-, (7S)-7,8-dihydro-8,8-dimethyl-2-oxo-2H,6H-benzo[1,2-b:5,4-b']dipyran-7-yl ester, (2Z)-

SMILES:

C/C=C(C)C(O[C@H]1CC(C=C(C=CC(O)=O)C2=C3)=C3OC1(C)C)=O

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA