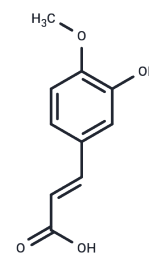


Isoferulic acid

Chemical Properties

CAS No. :	537-73-5
Formula:	C ₁₀ H ₁₀ O ₄
Molecular Weight:	194.18
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Isoferulic acid (Hesperetate) exhibits hypoglycemic properties.
Targets(IC50)	Adrenergic Receptor, Influenza Virus

Solubility Information

Solubility	DMSO: 50 mg/mL (257.49 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1499 mL	25.7493 mL	51.4986 mL
5 mM	1.030 mL	5.1499 mL	10.2997 mL
10 mM	0.515 mL	2.5749 mL	5.1499 mL
50 mM	0.103 mL	0.515 mL	1.030 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

- Meeprom A, et al. BMC Complement Altern Med. 2015 Oct 5;15(1):346.
 Long Z, Feng G, Zhao N, et al. Isoferulic acid inhibits human leukemia cell growth through induction of G2/M-phase arrest and inhibition of Akt/mTOR signaling. Molecular Medicine Reports. 2020, 21(3): 1035-1042
 Long Z, Feng G, Zhao N, et al. Isoferulic acid inhibits human leukemia cell growth through induction of G2/M-phase arrest and inhibition of Akt/mTOR signaling[J]. Molecular Medicine Reports. 2020, 21(3): 1035-1042

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