

Naringin dihydrochalcone

Catalog No: #S08725



Package Size: #S08725-1 1 g #S08725-2 1 mL #S08725-3 500 mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Naringin dihydrochalcone
Other Names	CYP;Inhibitor;Naringin dihydrochalcone;Naringin DC;inhibit;NFkB;NF-kB;NFkB;Nuclear factor-kappaB;Nuclear factor-kB;NF-kB;ζ η θ δ1 ζ'ζ ε° ι ;ζ η η δ1 ζ'ζ ε° ι
Calculated MW	582.55
Storage	Powder: -20°C for 3 years . In solvent: -80°C for 1 year . Shipping with blue ice.

Application Details

ε ε• εO• :C27H34O14Smile:O([C@H]1[C@H](O[C@H]2[C@H](O)[C@H](O)[C@@H](O)[C@H](C)O2)[C@@H](O)[C@H](O)[C@@H](CO)O1)C3=CC(O)=C(C(CCC4=CC=C(O)C=C4)=O)C(O)=C3DMLε• :MFCD00798060η1—ε1!;99.16%ζ1Aθ\$ε1!;H2O:< 1 mg/mL (insoluble or slightly soluble);DMSO:93 mg/mL (159.64 mM);Ethanol:93 mg/mL (159.64

mM)δ½ ε ζ'ζ §:ε η• naringinζ `Yθ ε • θ½»η³ ε°Ωη ε §iO η θ `Yζ• δO oO ε'HAζ `Yθ ε' ε η³ ε°Ωη ε §iO η δ½ ι • γ Na raringin η» θ• —ζ ζ ε • θ½»η³ ε°Ωη ε §iO η θ Ae ζ² η§—ε θ `Yι `θ`η1 η»'ε γ Naringin η ε η• ε• —ι • δ½ ROSE MD Aη ζ'εH°oO ε'HAε' ε SODE GSH-Pxη ζ'ζ §[2]γ ε• £ζ • naringinζ `Yθ ζ `He ε-δH ε θ °εΩ θ ½ε γ Naringinζ `Yθ ε' εO1θ °ε² η' δΩ'ε• δO ε—Oι ε'Y [3]γ δ½ ε ζ'ζ §:Naringin Dihydrochalcone(Naringin

DC)ζ —δE η§• ζ °ε η ε °ε oO ζ1• θ δ1 ζ ζ@ δE-ε• η °η θ |ε °ε ε• η @naringiny ε Aη ε!δE1θ η³ η 500-700ε • oO ε ε ζ ικ η ε °γ • δ½ η -ι • γ • ζ ε °ε ε ε `η- δO η `HoO ε `i£ ε • γ • ε »θ• —ε ε ε • δ1 ζ δE-ζ ε'HΩζ³ ε1 η `γ Naringin

DCι `δ1 ε AζE ζ °η ε• £ζ γ • ζ • δH η δ½ ε °γ • η `Hζ η ζ'ι ι! ζ° δ» ε• δO θ —η ζ @θ ½θ |ε °θ ½ε oO η `He «ι η `δ1 δH°ε Ae • γ • ζ²Hθ η±»i£ ε • γ • ε • ε »i£ ε • γ • ε ε• θ °θ• γ • ζ ε »γ • ζ ι ±γ • ζ ι η²Yι ζ γ • ε• £ι! η³ γ • η θ • ε ε η η³ ζ η- γ ζ- ε oO ε θΩ ε• —η `δ½ η³ η ζ Ωδ»£ε • oO δ» ε • ε° θ1«δ½ ε—Hη³ ε η ε• 'Eζ AoO ε—Hδ1 θ θ θ ε η³ ε°Ωη ζ £θ θ θ' ζ —δE ε §η!• ι °γ η» θ ε ι :HBZY-1 cells are plated into 96-well plates and pretreated with various concentrations(1, 5, 10, 25, 50, 100 ∓OM) of naringin for 2 h. Then cells are treated with 30 mM glucose for 24 h. The control group is added sterile normal saline in the same volume. After treatment, all the wells are incubated with 20 ∓OI of 5 mg/ml MTT for 4 h at 37°C. Subsequently, 100 ∓OI of DMSO are used to dissolve the formed formazan crystals after removal of the supernatant. The result is recorded at 490 nm on a microplate reader[1].δΩ'ε• ι θ•—:δ»£θ°|NF-kB δΩ'ε• ι θ•—ι• Aη `H:Cytochromes P450|NF-kB

Note: This product is for in vitro research use only and is not intended for use in humans or animals.