



Neohesperidin Dihydrochalcone

Catalog No: #S08750

Package Size: #S08750-1 1 g #S08750-2 1 mL #S08750-3 500 mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Neohesperidin Dihydrochalcone
Other Names	inhibit;Inhibitor;NCI-c60764;ReactiveOxygenSpecies;Reactive Oxygen Species;Neohesperidin DC;Neohesperidin Dihydrochalcone;NHDC;ζ ζ⊙ η θ ·δl ζ°ζ ε° ι ;ζ °ζ⊙ η θ ·δl ζ°ζ θ ρ
Calculated MW	612.58
Storage	keep away from direct sunlight . Powder: -20°C for 3 years . In solvent: -80°C for 1 year . Shipping with blue ice.

Application Details

ε ε• εO• :C28H36O15Smile: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(O)=C(OC)C=C4)=O)C(O)=C3DMLε• :MFCD00017711ηl—εl;99.8%ζlAθ\$£εl;DMSO:50 mg/mL (81.62 mM);H2O:< 1 mg/mL (insoluble or slightly soluble);Ethanol:100 mg/mL (163.24 mM)δ½ ε ζ'»ζ §:Neohesperidin dihydrochalconeη η» θ• —ζ `Yθ ε • ε° δl θ • ζ• δO η δE η\$• ζ η ``ζ εΩ η ©ASTε ALTη ζ'»ζ §Y ε `PQε η• η ε°• iO δE -oO NF-κBγ • IL-6γ • IL-1βε TNF-αθ η ½η η `Eε—Hζ°`εH°ε• ε °Neohesperidin dihydrochalconeη ζ ε A[3]γ ε—HWistar Ctrl:(WI)WU BRε §iO θΩ θ' η Neohesperidin dihydrochalconeη θ θ ζ— ζ §/θ `η `Eζ §η η©Aζ `Yη `ioO ε ``ζ ι« ε ι • ζ°`εH°δE ι ι£ δE-Neohesperidin dihydrochalconeε• «ι • ι« θ`Y5%oO η `Eε½ δl ε §iO ζ— ζ ηl'ζ ε 3.3 g/kgδ½ ι • oO ζ θ§ ε— ε °δE• θ —ε½±ε • [4]γ η» θ ε ι :WST-8 dye is used in the cell viability assay. HIT-T15 and HUVEC cells are grown and maintained in Dulbecco's modified Eagle's medium, supplemented with 10% fetal bovine calf serum. 1000 cells in each well are incubated with various concentrations of neohesperidin dihydrochalcone (50, 100, 500 ΕOM, 1 mM) and other compounds. After treating HIT-T15 and HUVEC cells with 500 ΕOM HOCl, WST-8 dye is added to each well, and the absorbance is detected at 420 nm with microplate reader[1].δΩ'ε• ·ι θ—:δ»£θ°|NF-κB δΩ'ε• ·ι θ—|ε • η «δE η η ι• Aη `H:Reactive Oxygen Species

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