

Scutellarin

Catalog No: #S08822



Package Size: #S08822-1 1 mL #S08822-2 10 mg #S08822-3 100 mg #S08822-4 25 mg #S08822-5 50 mg
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Scutellarin
Other Names	Akt;Breviscapin;Breviscapine;Breviscapinun;HIV Protease;HIVProtease;HIV;ι ι» θ ©θ ;STAT;Scutellarein-7-glucuronide
Calculated MW	462.36
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• εΟ• :C21H18O12Smile:O[C@H]1[C@H](Oc2cc3oc(cc(=O)c3c(O)c2O)-c2ccc(O)cc2)O[C@H]1([C@H](O)[C@@H]1O)C(O)=ODMLε• :MFCD0186
1503η1—ε1!;98.67%ζ1Aθ\$ε1!;H2O:insoluble;DMSO:50 mg/mL (108.14 mM)δ½ ε ζ'»ζ \$:ScutellarinoO 50
mg/kg/ζ οΟ ζ 'Υθ ε • θ½»δ1 HCCθ Ωη η θ 1ι "ε θ • ε θ½~η\$»γ δ'E ε—Hη \$η» η 'Eζ— οΟ ζ ε• Scutellarinζ'»η η η»
δ'E-θ 1ι "ε θ • ε θ½~η\$»θ Ωη η ζ 'ι • ζ 'Υθ ε • ε° [1]γ δ'E SAHη» η 'Eζ— οΟ ζ ε• Scutellarinζ'»η η ε \$iO ε "η η»• θ'
δ'E1ηO'ι ζ 'Hi• ζ 'Yη 1ε 1ζ 'Υθ η ηO θ\$εY Scutellarinδ'E SAHε \$iO η 'Eζ— ε' εO1δ1 eNOSθ"θ'Yγ[4]γ δ½ ε ζ'»ζ \$:Scutellarin
ε η• ζ ζ 'Υδ» ε ι • δ'Y• θ" η ζ 'HeO• ι • δ½ δ1 HepG2η» θ η ζ'»ζ \$Y ε "δ½ ε οΟ ε θΩ ζ ε Aδ1 HCCη» θ η θΩ
• η\$»ε δ'Y"θ'-γ Scutellarin
ε η• ζ 'Υθ ε • ε° δ1 HCCη» θ δ'E-STAT3ε θ ε "θ η ½δ'E η ζ' ζ• (Girdin)θ"θ'Yγ • STAT3ε Aktη η£• ι 'Eε γ STAT3θΩ
θ"θ'Yγ η εO ε ζ' • ε • δ1 Scutellarin
ι • δ½ η Girdinθ"θ'Yγ • AktζΩ ζ'»γ • HCCη» θ η θΩ• η\$»ε δ'Y"θ'-γ ζ- ε οO GirdinθΩ θ"θ'Yγ η θ—±ε—Oε ε "ζA ι δ1 Scut
ellarin ε—HCCη» θ Aktη£• ι 'Eε γ • θΩ• η\$»ε δ'Y"θ'-η ζ ε Aδ½ η "γ Scutellarin
ι θΩ δ'E θ° STAT3/Girdin/AktδΩ'ε• ι θ—ζ ε AHCCη» θ δ½ ε ε η θ½~η\$»γ • θΩ• η\$»ε δ'Y"θ'-[1]γ Scutellarin
ι ζ ©ζ \$ε' εO1δ1 Aktη£• ι 'Eε [2]γ Scutellarin
δ½ δ'E1δ'E η\$• ζ½ ε "η ζ'»η ε οO ε δ'E• δ» ε• —δ» ζ ε Ae'Y θ Aθ""η» θ η ζ'»ε οO δ» θ ζ 'He η η»• η η οO θ
Ω ε• —δ» ε' εO1ζ ε½'θ Aθ""η» θ ε• • ε1 γ ι θΩ δ'E θ° ε ζ ~η η»• θ ε »ε ε• ε "ε η θ"θ'YγoO Scutellarin
ζ 'Ye \$δ1 ζ ε½'θ Aθ""η» θ η ε• • ε1 οO ζ 'Yη 1ε Aη η»• δΩ• ζ δ½ η "γ ε Oε'Y ζ"ζ • η ζ —oO Scutellarin
ε—He• • ε1 ζ \$ζ ε½'θ Aθ""η» θ η ε½±ε • ζ —ι θΩ ζΩ ζ'»η ε'Y θ Aθ""η» θ δ» ε—Oη οO ζ —ζ • δ'E η\$• θ Aθ""η» θ η±»ε
δH ι 'η ε θ ½ζ \$β δ1 ζ• β • [3]γ Scutellarin
θ ½ε ζ ε ARANKLδ» ε—Oη ζ • ι "η» θ ε½'ζ • γ • ζ • ι "η» θ η ι "ε• 'Eζ Ae θ ½δ» ε• η He ζ • ι "η» θ ε 1ε οO θ
• ι 'Eζ \$η£• ι 'Eι AοO TRAPoO γ • η «ι AKγ • c-Fosγ • NFATc1oO η θ"θ'Yγζ°ε'H³γ θΩ δ'E ζ- η η η©Aθ""ζ οO Scutellarin
θ ½ε ζ ε ARANKLδ» ε—Oη MAPKε NF-kBδΩ'ε• ι θ—oO ε ζ ~JNK1/2γ • p38γ • ERK1/2ε IkBaη η£• ι 'Eε [5]γ η» θ ε
ι :HepG2 cells (1Γ 105/well) are cultured in 96-well plates and treated in triplicate with scutellarin at concentrations of 5, 10, 20, 30, and 100 EOM or
vehicle alone for 24 h. The cellular viability is tested by 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide (MTT) assay, and is expressed as a
percentage of proliferation versus controls.δΩ'ε• ι θ—:PI3K/Akt/mTOR
δΩ'ε• ι θ—|η» θ ι "ζ A|ε'Y η η ©ε-||ε'H²η» θ |θ η ½α Aδ½ |JAK/STAT δΩ'ε• ι θ—ι• Aη 'H:STAT|Akt|HIV Protease

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