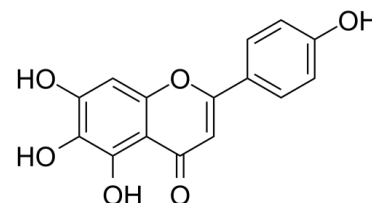


Data Sheet

Product Name:	Scutellarein
Cat. No.:	CS-5596
CAS No.:	529-53-3
Molecular Formula:	C ₁₅ H ₁₀ O ₆
Molecular Weight:	286.24
Target:	Autophagy; SARS-CoV; Src
Pathway:	Anti-infection; Autophagy; Protein Tyrosine Kinase/RTK
Solubility:	DMSO : ≥ 30 mg/mL (104.81 mM)



BIOLOGICAL ACTIVITY:

Scutellarin, a main active ingredient extracted from *Erigeron breviscapus* (Vant.) Hand-Mazz., has been widely used to treat acute cerebral infarction and paralysis induced by cerebrovascular diseases.

PROTOCOL (Extracted from published papers and Only for reference)

Cell Assay [1] After preincubation of RAW264.7 cells (1×10⁶ cells/ml) overnight, the cells were treated with SCT (0 to 200 μM) or L-NAME (0 to 750 μM) for 1 h and then further incubated with LPS (1 μg/ml) for 24 h. The inhibitory effects of these drugs on NO production were determined by analyzing the NO levels using the Griess reagent as previously described [18,19].

References:

- [1]. Xiaoxuan Tian, et al. Delineation of Platelet Activation Pathway of Scutellarein Revealed Its Intracellular Target as Protein Kinase C. *Biological and Pharmaceutical Bulletin* Vol. 39 (2016) No. 2 p. 181-191
- [2]. Sung NY, et al. Scutellarein Reduces Inflammatory Responses by Inhibiting Src Kinase Activity. *Korean J Physiol Pharmacol.* 2015 Sep;19(5):441-9.

CAIndexNames:

4H-1-Benzopyran-4-one, 5,6,7-trihydroxy-2-(4-hydroxyphenyl)-

SMILES:

O=C1C=C(C2=CC=C(C(O)C=C2)OC3=CC(O)=C(O)C(O)=C3

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

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