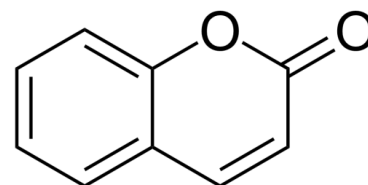


## Data Sheet

Product Name:	Coumarin
Cat. No.:	CS-8148
CAS No.:	91-64-5
Molecular Formula:	C <sub>9</sub> H <sub>6</sub> O <sub>2</sub>
Molecular Weight:	146.14
Target:	Influenza Virus
Pathway:	Anti-infection
Solubility:	H <sub>2</sub> O : 4 mg/mL (27.37 mM; Need ultrasonic); DMSO : ≥ 100 mg/mL (684.28 mM)



### BIOLOGICAL ACTIVITY:

Coumarin is the primary bioactive ingredient in Radix Glehniae, named Beishashen in China, which possesses many pharmacological activities, including anticancer, anti-inflammation and antiviral activities.

### References:

[1]. Liu M, et al. Quantitative analysis of nine coumarins in rat urine and bile after oral administration of Radix Glehniae extract by high-performance liquid chromatography-electrospray ionization tandem mass spectrometry. Biomed Chromatogr. 2011 Jul;25(7):783-93.

### CAIndexNames:

2H-1-Benzopyran-2-one

### SMILES:

O=C1C=CC2=CC=CC=C2O1

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

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