

7-Methoxyisoflavone

Catalog No: tcsc0040252



Available Sizes

Size: 100mg



Specifications

CAS No:

1621-56-3

Formula:

$C_{16}H_{12}O_3$

Pathway:

Epigenetics;PI3K/Akt/mTOR

Target:

AMPK;AMPK

Purity / Grade:

>98%

Solubility:

DMSO : 62 mg/mL (245.78 mM; Need ultrasonic and warming)

Observed Molecular Weight:

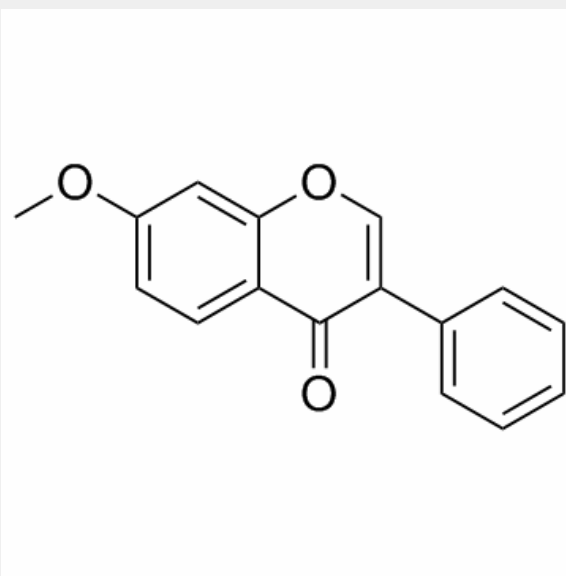
252.26

Product Description

7-Methoxyisoflavone is an isoflavone derivative and also an activator of adenosine monophosphate-activated protein kinase (**AMPK**).

IC50 & Target: AMPK^[1]

In Vitro: 7-Methoxyisoflavone is an isoflavone derivative and also an activator of adenosine monophosphate-activated protein kinase (AMPK). When serum-starved cells are treated with 10 % FBS in the presence of 7-methoxyisoflavone, the serum-induced decrease in AMPK phosphorylation is prevented^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!