

# 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:**

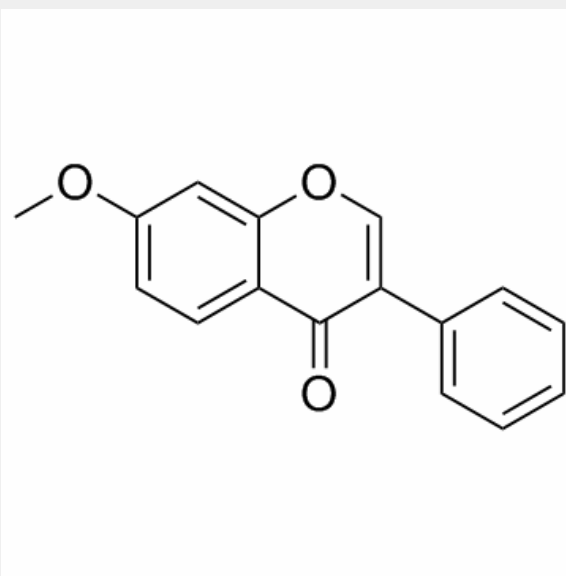
252.26

## Product Description

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

IC50 & Target: AMPK<sup>[1]</sup>

**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<sup>[1]</sup>.



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