

Product Data Sheet

Product Name: 7-Methoxyisoflavone

Cat. No.: GC31348

Chemical Properties

Cas. No. 1621-56-3

SMILES O=C1C(C2=CC=CC=C2)=COC3=CC(OC)=CC=C13

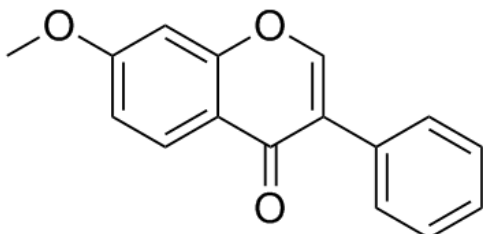
Formula $C_{16}H_{12}O_3$ M.Wt 252.26

Solubility DMSO : 62 mg/mL (245.78 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

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

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

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[1]. Hyeryoung Jung, et al. Isoflavones as modulators of adenosine monophosphate-activated protein kinase. Applied Biological Chemistry. 2016. 59, 217-225.

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