
Product Data Sheet

Product Name: 6-Methoxytricin

Cat. No.: GC35179

Chemical Properties

Cas. No. 76015-42-4

SMILES O=C1C=C(C2=CC(OC)=C(O)C(OC)=C2)OC3=C1C(O)=C(OC)C(O)=C3Formula C₁₈H₁₆O₈

M.Wt

360.31

Solubility Soluble in DMSO

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**

6-Methoxytricin (Compound 6) is a flavonoid isolated from *Artemisia iwayomogi*. 6-Methoxytricin (Compound 6) is an inhibitor on aldose reductase (AR) and advanced glycation endproduct (AGE) formation activities with IC₅₀ values of 30.29 μM and 134.88 μM, respectively. 6-Methoxytricin (Compound 6) has potential as an anti-diabetic complications agent[1]. IC₅₀: 30.29 μM (AR); 134.88 μM (AGE) (6-Methoxytricin)[1]

[1]. Lee YK, et al. Inhibitory Effect of Chemical Constituents Isolated from *Artemisia iwayomogi* on Polyol Pathway and Simultaneous Quantification of Major Bioactive Compounds. *Biomed Res Int.* 2017;2017:7375615.

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

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