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**Product Data Sheet**

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Product Name: Daidzein diacetate

Cat. No.: GC35804

**Chemical Properties**

Cas. No. 3682-01-7

SMILES O=C1C(C2=CC=C(OC(C)=O)C=C2)=COC3=CC(OC(C)=O)=CC=C13Formula  $C_{19}H_{14}O_6$  M.Wt 338.31

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**

Daidzein diacetate is a derivative of Daidzein that is a soy isoflavone[1][2].

[1]. SomepalliVenkateswarlu, et al. Isoaurostatin: Total Synthesis and Structural Revision. ChemInform 2005, 61(12):3013-3017. [2]. Sakamoto Y1, et al. The Dietary Isoflavone Daidzein Reduces Expression of Pro-Inflammatory Genes through PPAR $\alpha$ / $\gamma$  and JNK Pathways in Adipocyte and Macrophage Co-Cultures. PLoS One. 2016 Feb 22;11(2):e0149676.

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

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