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**Product Data Sheet**

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Product Name: 4''-methyloxy-Daidzin

Cat. No.: GC35140

**Chemical Properties**

Cas. No. 1195968-02-5

SMILES O=C1C2=CC=C(O[C@@H]3O[C@@H]([C@@H](OC)[C@H](O)[C@H]3O)CO)C=C2OC=C1C4=CC=C(O)C=C4Formula C<sub>22</sub>H<sub>22</sub>O<sub>9</sub> M.Wt 430.4

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**

4''-methyloxy-Daidzin (Daidzein 7-O-β-D-glucoside 4''-O-methylate), an isoflavone methyl-glycoside, is isolated from Cordyceps militaris grown on germinated soybeans. Isoflavones possess immunomodulating and antiallergic activities[1].

[1]. Park DK, et al. Antiallergic activity of novel isoflavone methyl-glycosides from Cordyceps militaris grown on germinated soybeans in antigen-stimulated mast cells. J Agric Food Chem. 2012 Mar 7;60(9):2309-15.

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

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