
Product Data Sheet

Product Name: S-Dihydrodaidzein

Cat. No.: GC37611

Chemical Properties

Cas. No. 879559-75-8

SMILES O=C1[C@@H](C2=CC=C(O)C=C2)COC3=CC(O)=CC=C13Formula C₁₅H₁₂O₄ M.Wt 256.25

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**

S-Dihydrodaidzein is the (S)-enantiomer of dihydrodaidzein which is one of the most prominent dietary phytoestrogens[1][2].

[1]. Shimada Y, et al. Identification of a novel dihydrodaidzein racemase essential for biosynthesis of equol from daidzein in *Lactococcus* sp. strain 20-92. *Appl Environ Microbiol.* 2012 Jul;78(14):4902-7. [2]. Franke AA, et al. Liquid chromatographic-photodiode array mass spectrometric analysis of dietary phytoestrogens from human urine and blood. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2002 Sep 25;777(1-2):45-59.

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

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