
Product Data Sheet

Product Name: Kaempferol 3-sophoroside-7-glucoside

Cat. No.: GC36377

Chemical Properties

Cas. No. 55136-76-0

SMILES O=C1C(O[C@H]2[C@@H]([C@H]([C@@H]([C@@H](CO)O2)O)O)[C@H]3[C@@H]([C@H]([C@@H]([C@@H](CO)O3)O)O)=C(C4=CC=C(O)C=C4)OC5=CC(O[C@H]6[C@@H]([C@H]([C@@H]([C@@H](CO)O6)O)O)O)=CC(O)=C15

Formula C₃₃H₄₀O₂₁

M.Wt

772.66

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

Kaempferol 3-sophoroside-7-glucoside is a bioactive component in roasted Lycium chinense leaves with anti-obesity activity[1].

[1]. Choi EH, et al. Changes in the profiling of bioactive components with the roasting process in Lycium chinense leaves and the anti-obesity effect of its bioaccessible fractions. J Sci Food Agric. 2019 Jul;99(9):4482-4492.

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

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