
Product Data Sheet

Product Name: GL3
 Cat. No.: GC38571

Chemical Properties

Cas. No. 60037-39-0

SMILES C/C=C1[C@@H](C(C(OC)=O)=CO[C@H]1O[C@@H]([C@@H](O)[C@H](O)[C@H]2O)CO)CC(OC3=CC=C(CCO[C@@H]4O[C@@H]([C@@H](O)[C@H](O)[C@H]4O)COC(C[C@H]5/C([C@@H](OC=C5C(OC)=O)O[C@@H]([C@@H](O)[C@H](O)[C@H]6O)CO)=C\C)=O)C=C3)=O

Formula C₄₈H₆₄O₂₇ M.Wt 1073.01

Solubility H₂O : ≥ 125 mg/mL (116.49 mM); DMSO : 100 mg/mL (93.20 mM; Need ultrasonic) 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

GL3, the major component of *O. fragrans* seeds, is a derivative based on both phenylethanoid and methyloleoside[1].

[1]. Liao X, et al. Identification and Quantitation of the Bioactive Components in *Osmanthus fragrans* Fruits by HPLC-ESI-MS/MS. *J Agric Food Chem.* 2018 Jan 10;66(1):359-367.

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

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