
Product Data Sheet

Product Name: Syringaresinol diglucoside

Cat. No.: GC60350

Chemical Properties

Cas. No. 66791-77-3

SMILES COC(C=C1[C@H]2[C@@](CO[C@H]3C4=CC(OC)=C(O[C@@H]([C@@H]([C@@H](O)[C@@H]5O)O)[C@@H]5CO)C(OC)=C4)([H])[C@@]3([H])CO2)=C(C(OC)=C1)O[C@@H]([C@@H]([C@@H](O)[C@@H]6O)O)O[C@@H]6CO

Formula C₃₄H₄₆O₁₈

M.Wt 742.72

Solubility DMSO : 100 mg/mL (134.64 mM; Need ultrasonic)

Storage Store at 2-8°C, protect from light

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**

(-)-Syringaresinol di-O-glucoside is a phenolic glucoside that has been found in *D. aurantiacum* and has neuroprotective activity.¹ It reduces neurotoxicity induced by glutamate by 19.3% in PC12 cells when used at a concentration of 10 μM.

1. Xiong, L., Cao, Z.-X., Peng, C., et al. Phenolic glucosides from *Dendrobium aurantiacum* var. *denneanum* and their bioactivities *Molecules* 18(6)6153-6160(2013)

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

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