
Product Data Sheet

Product Name: Orientin-2''-O-p-trans-coumarate

Cat. No.: GC36813

Chemical Properties

Cas. No. 1229437-75-5

SMILES O=C1C=C(C2=CC=C(O)C(O)=C2)OC3=C([C@H]4[C@@H]([C@H]([C@@H]([C@@H](CO)O4)O)O)OC(/C=C/C5=CC=C(O)C=C5)=O)C(O)=CC(O)=C13Formula C₃₀H₂₆O₁₃

M.Wt 594.52

Solubility DMSO : 100 mg/mL (168.20 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**

Orientin-2''-O-p-trans-coumarate is a flavonoid found in Trigonella foenum-graecum, with potent antioxidant activity[1].

[1]. Wang GR, et al. New flavonoids with 2BS cell proliferation promoting effect from the seeds of Trigonella foenum-graecum L. J Nat Med. 2010 Jul;64(3):358-61. doi: 10.1007/s11418-010-0407-8.

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

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