
Product Data Sheet

Product Name: Steviol-19-O-glucoside

Cat. No.: GC39073

Chemical Properties

Cas. No. 1185737-16-9

SMILES C[C@]12[C@@]3([H])[C@@](C4)(CC[C@]1([H])[C@@](C)(CCC2)C(O[C@@H]5O[C@@H]([C@@H](O)[C@H](O)[C@H]5O)CO)=O)C[C@@](C4=C)(O)CC3

Formula C₂₆H₄₀O₈ M.Wt 480.59

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**

Steviol-19-O-glucoside is a metabolite of steviol in the steviol glycosides biosynthesis pathway in *Stevia rebaudiana*[1].

[1]. Li, W., et al Development of Photoaffinity Probe for the Discovery of Steviol Glycosides Biosynthesis Pathway in *Stevia rebaudiana* and Rapid Substrate Screening. *ACS Chemical Biology*, 2018;13(8), 1944-1949.

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

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