

## Product Data Sheet

Product Name: 11-epi-mogroside V

Cat. No.: GC60441

### Chemical Properties

Cas. No. 2146088-12-0

SMILES C[C@@]1([C@H](C2)O)[C@](CC=C(C(C)3C)[C@@]1([H])CC[C@@H]3O[C@@H]([C@@H]([C@H]4O)O)O[C@@H]([C@H]4O)CO[C@@H]([C@@H]([C@H]5O)O)O[C@@H]([C@H]5O)CO)([H])[C@@]([C@@]62C)(CC[C@]6([H])[C@H](C)CC[C@H](C(C)(O)C)O[C@H](O[C@@H]7CO[C@@H]([C@@H]([C@H]8O)O)O[C@@H]([C@H]8O)CO)[C@@H]([C@H]([C@@H]7O)O)O[C@@H]([C@@H]([C@H]9O)O)O[C@@H]([C@H]9O)CO)C

Formula C<sub>60</sub>H<sub>102</sub>O<sub>29</sub> M.Wt 1287.43

Solubility 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

11-epi-mogroside V is a mogroside in the fruit of *Siraitia grosvenori*. 11-epi-mogroside V exhibits considerable bioactivity in promoting glucose uptake in human HepG2 cells in vitro[1].

[1]. Fu Li, et al. Cucurbitane glycosides from the fruit of *Siraitia grosvenori* and their effects on glucose uptake in human HepG2 cells in vitro. *Food Chem.* 2017 Aug 1;228:567-573.

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

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