

Product Data Sheet

Product Name: Stevioside (hydrate)

Cat. No.: GC44954

Chemical Properties

Cas. No.

SMILES C[C@]([C@]1([H])CC2)(CCC[C@@]1(C)C(O[C@@H]([C@@H]([C@@H](O)[C@@H]3O)O)[C@@H]3CO)=O)[C@@]4([H])[C@]2(CC5=C)C[C@@]5(O[C@@](O[C@H](CO)[C@@H](O)[C@@H]6O)([H])[C@@H]6O[C@]([C@@H]([C@@H](O)[C@@H]7O)O)([H])O[C@@H]7CO)CC4.[XH2O]

Formula C₃₈H₆₀O₁₈•XH₂O

M.Wt 804.9

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO: PBS (pH 7.2) (1:8): 0.11 mg/ml

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.

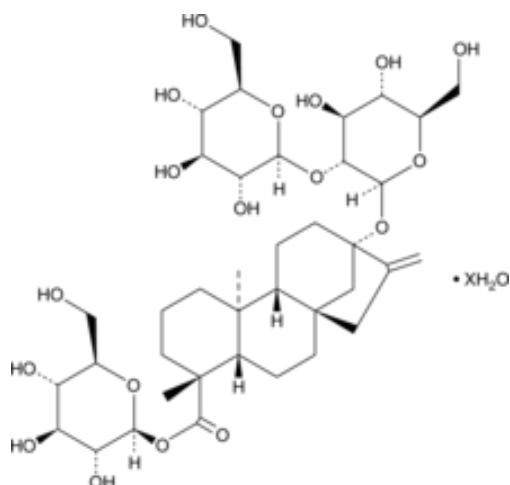
Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Structure



Background

Stevioside is a natural non-caloric sweetener. It is one of the steviol glycosides found in stevia, a natural sweetener extract isolated from the leaves of the plant *S. rebaudiana*. Stevioside has potential applications as a food additive or dietary supplement in diets designed to ameliorate obesity or conditions linked to glucose intolerance, like some forms of diabetes.

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