

Product Data Sheet

Product Name: 1,1,1,1-Kestohexaose

Cat. No.: GC35032

Chemical Properties

Cas. No. 62512-19-0

SMILES OC[C@]1(O[C@H](CO)[C@@H](O)[C@@H]1O)OC[C@]2(O[C@H](CO)[C@@H](O)[C@@H]2O)OC[C@]3(O[C@H](CO)[C@@H](O)[C@@H]3O)OC[C@]4(O[C@H](CO)[C@@H](O)[C@@H]4O)OC[C@]5(O[C@H](CO)[C@@H](O)[C@@H]5O)O[C@H]6O[C@@H]([C@@H](O)[C@H](O)[C@H]6O)CO

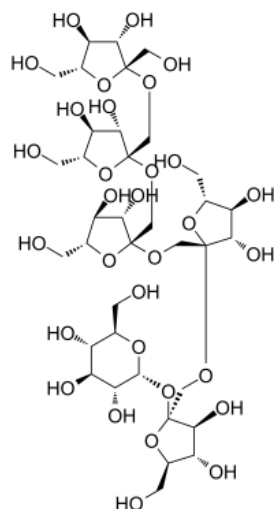
Formula $C_{36}H_{62}O_{31}$ M.Wt 990.86

Solubility H_2O : 250 mg/mL (252.31 mM; Need ultrasonic); DMSO : 100 mg/mL (100.92 mM; Need ultrasonic) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

1,1,1,1-Kestohexaose is a fructan oligomer isolated from *Poa ampla*[1].

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

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[1]. CHATTERTON, N., & HARRISON, P. (1997). Fructan oligomers in *Poa annua*. New Phytologist, 136(1), 3-10.

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