

Product Data Sheet

Product Name: 1,4-b-D-Xylopentaose

Cat. No.: GC35038

Chemical Properties

Cas. No. 49694-20-4

SMILES O[C@H]([C@H]([C@H](O[C@@]1([H])[C@@H]([C@H]([C@H](O)CO1)O)O)CO2)O)[C@@]2([H])O[C@H]3[C@@H]([C@H]([C@H](O[C@@]4([H])[C@@H]([C@H]([C@H](O[C@H](CO)[C@H](O)[C@@H](O)C=O)OC4)O)O)OC3)O)O

Formula C₂₅H₄₂O₂₁ M.Wt 678.59

Solubility Water: 100 mg/mL (147.36 mM) Storage Store at -20°C, protect from light

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.

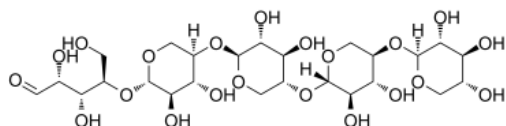
Caution: Product has not been fully validated for medical applications. For research use only.

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

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Structure



Background

1,4-b-D-Xylopentaose (Xylopentaose) consists of five b-1,4 xylose sugars[1].

[1]. von Schantz L, et al. Carbohydrate binding module recognition of xyloglucan defined by polar contacts with branching xyloses and CH- π interactions. *Proteins*. 2014 Dec;82(12):3466-75.

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