
Product Data Sheet

Product Name: L-Pentaguluronic acid

Cat. No.: GC61005

Chemical Properties

Cas. No. 183668-72-6

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

Formula C₃₀H₄₂O₃₁ M.Wt 898.64

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**

L-Pentaguluronic acid is a linear polysaccharide copolymer composed of four L-guluronic acid (G)[1].

[1]. R.A. Shirwaiker, et al. L-Guluronic Acid

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

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