
Product Data Sheet

Product Name: Tetra-N-acetylchitotetraose

Cat. No.: GC61327

Chemical Properties

Cas. No. 2706-65-2

SMILES CC(N[C@H]([C@H]([C@@H]1O[C@H](O[C@@H]2CO)[C@@H]([C@H]([C@@H]2O)O)NC(C)=O)O)[C@@H](O[C@@H]1CO)O[C@@H]([C@@H]([C@H]3NC(C)=O)O)[C@H](O[C@H]3O[C@H]([C@H](O)CO)[C@H](O)[C@H](C=O)NC(C)=O)CO)=O

Formula C₃₂H₅₄N₄O₂₁ M.Wt 830.79

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

Tetra-N-acetylchitotetraose elicits plant defense systems. Tetra-N-acetylchitotetraose is a component of the hpo-chitoo gosaccharides (LCOs) secreted from Rhizobia. Tetra-N-acetylchitotetraose is also a substrate for the Rhizobium leguminosarum nodulation protein NodB, a CO deacetylase[1].

[1]. Arthur M. Nonomura. Safening high concentrations of phytocatalysts. WO2001062088A2.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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