
Product Data Sheet

Product Name: 5'-O-DMT-ibu-dC

Cat. No.: GC65396

Chemical Properties

Cas. No. 100898-62-2

Formula C₃₄H₃₇N₃O₇

M.Wt 599.67

Solubility DMSO : 100 mg/mL (166.76 mM; Need ultrasonic) 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**

5'-O-DMT-ibu-dC can be used in the synthesis of oligodeoxyribonucleotides[1].

[1]. Amberg S, et, al. Phenylalkyl backbone modified oligodeoxynucleotides, their synthesis and the influence of the alkyl chain length. Nucleosides Nucleotides Nucleic Acids. Apr-Jul 2001;20(4-7):1275-8.

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

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