
Product Data Sheet

Product Name: 2'-O-MOE-U

Cat. No.: GC66652

Chemical Properties

Cas. No. 163759-97-5

Formula C₄₂H₅₃N₄O₁₀P M.Wt 804.86

Solubility Storage 4°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.

Structure **Background**

2'-O-MOE-U is a phosphoramidite, can be used for oligonucleotide synthesis^[1].

[1]. Lyu F, et al. A 2'-modified uridine analog, 2'-O-(methylthiomethoxy)methyl uridine, for siRNA applications. *Bioorg Med Chem Lett.* 2022 Oct 15;74:128939.

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

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