

Product Data Sheet

Product Name: 2'-O,4'-C-Methyleneuridine

Cat. No.: GC35072

Chemical Properties

Cas. No. 200435-92-3

SMILES OC[C@]12O[C@@H](N3C(NC(C=C3)=O)=O)[C@H](OC2)[C@@H]1O

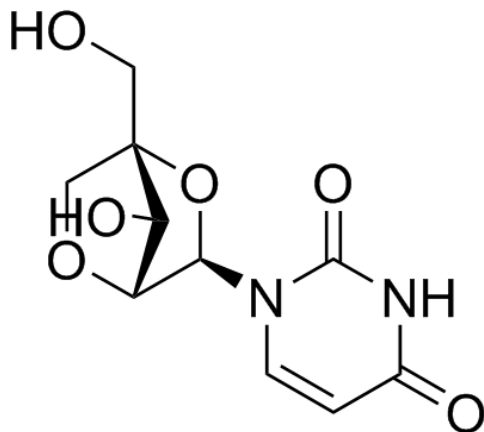
Formula $C_{10}H_{12}N_2O_6$ M.Wt 256.21

Solubility DMSO : 125 mg/mL (487.88 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

2'-O,4'-C-Methyleneuridine (Compound 15a) is a bicyclic nucleoside.

[1]. Sharma VK, et al. Chemoenzymatic convergent synthesis of 2'-O,4'-C-methyleneneribonucleosides. J Org Chem. 2014 Jul 3;79(13):6336-41.

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

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