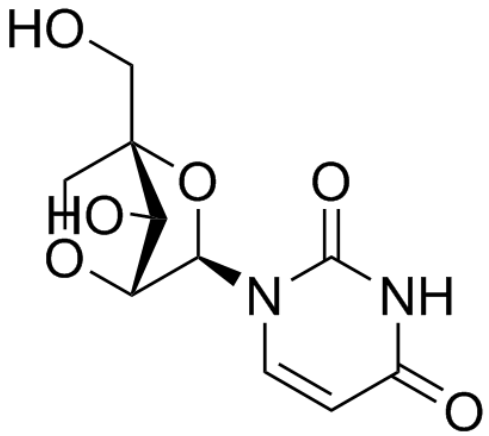
Product Data Sheet

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-methyleneribonucleosides. 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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