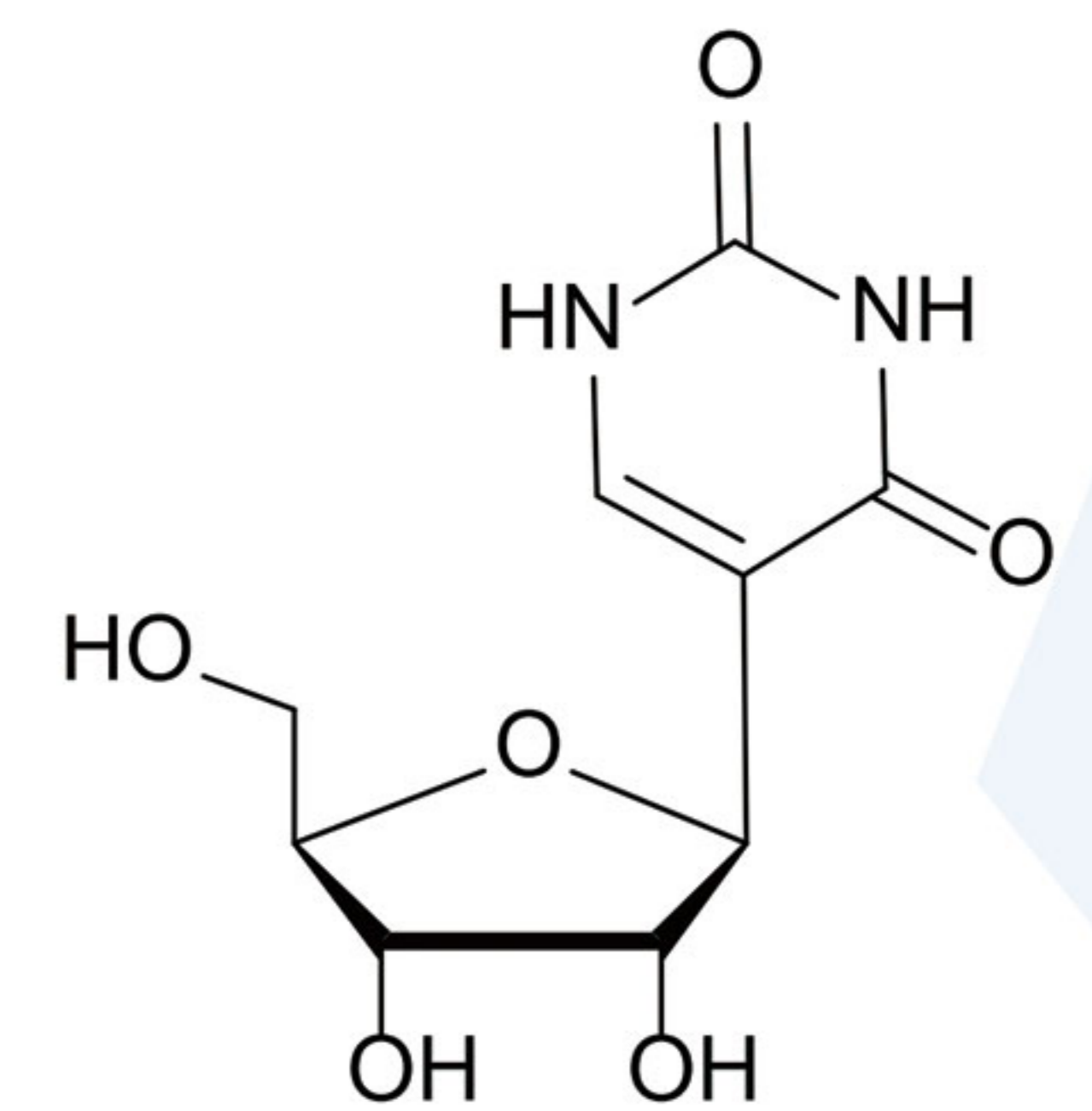


Large scale synthesis of Pseudouridine related products

Product introduction

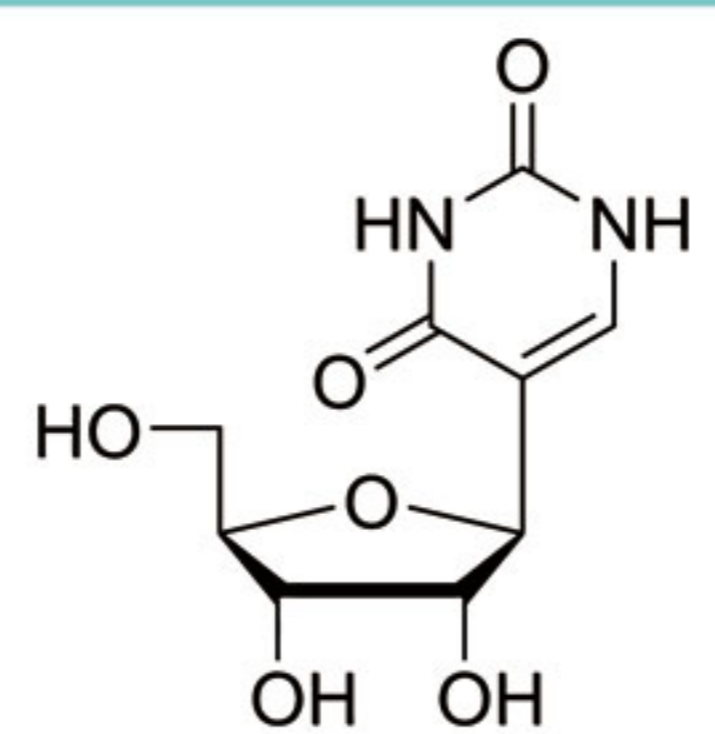
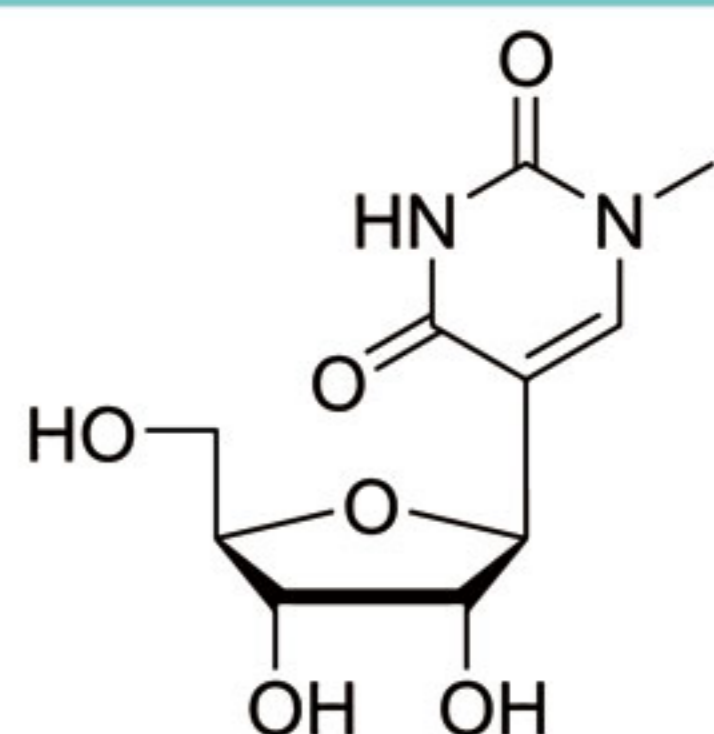
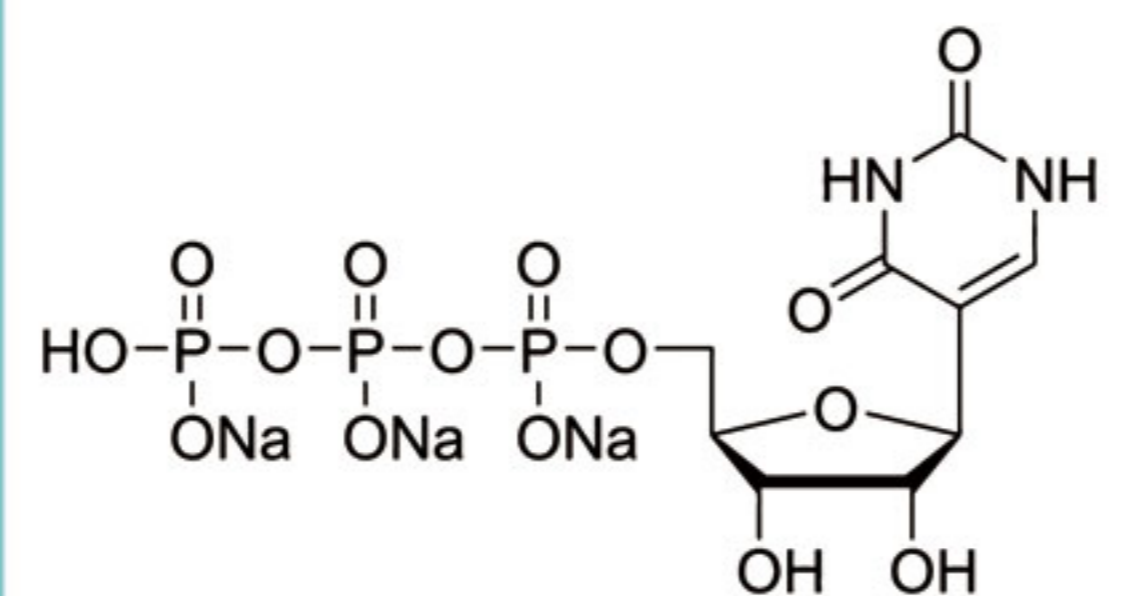
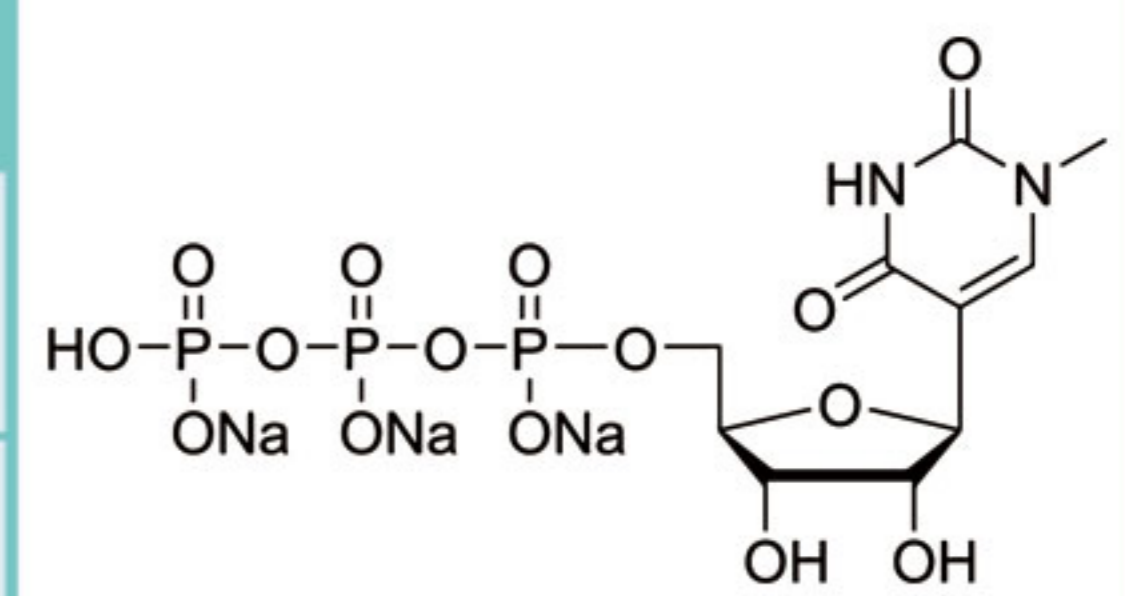
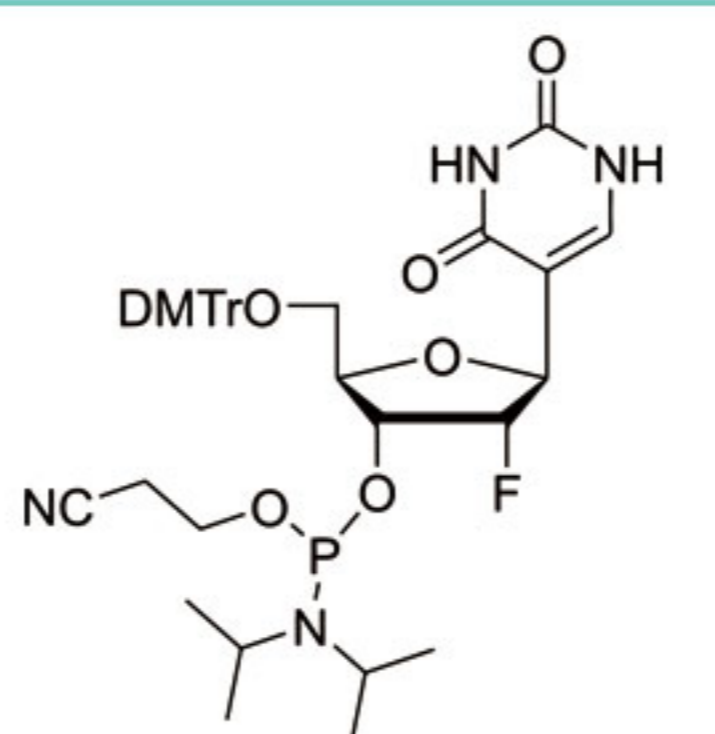
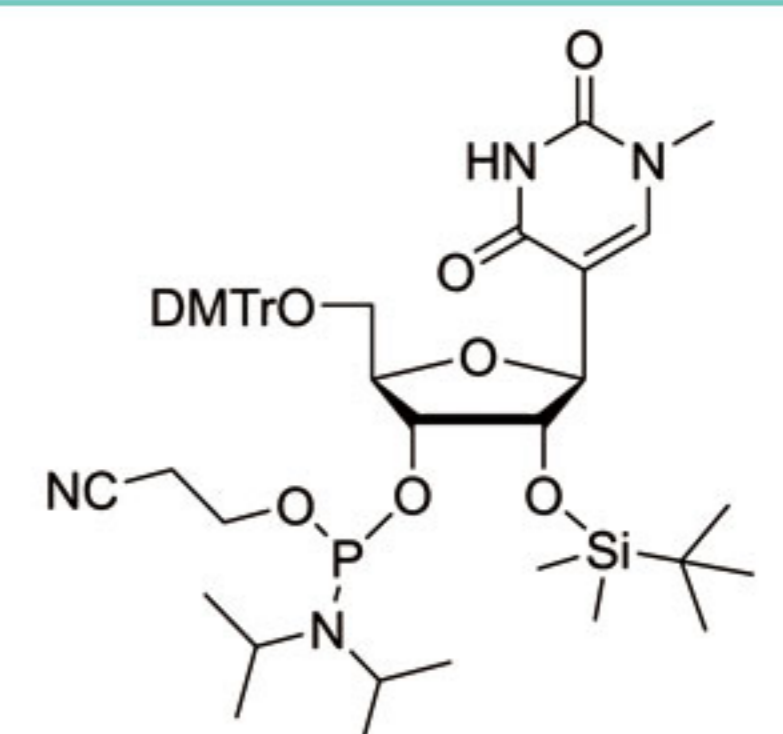
Pseudouridine is an isomer of uridine. It has a featured C5-C1' glycosidic bond. More than one hundred RNA modifications have been discovered in nature and each contributes a wide range of biological functions. One of the most common and first discovered modifications is the isomerization from uridine to pseudouridine.

Pseudouridine is found in many types of RNA, such as tRNA, rRNA, and even in coding regions of mRNA. mRNA vaccines and drugs with pseudouridine show lower immune response and higher stability. Also, pseudouridine increases the translation efficiency of the coding gene. It is an important material in the production of mRNA vaccines and drugs.



Structure of pseudouridine

Order information

Pseudouridine		N1-Me-Pseudouridine	
PU-1001		PU-1002	
Package: 1 g, 100 g, 1000 g		Package: 1 g, 100 g, 1000 g	
Pseudo UTP (100 mM)		N1-Me-Pseudo UTP (100 mM)	
MR-3001		MR-3002	
Package: 1 mL, 50 mL, 500 mL		Package: 1 mL, 50 mL, 500 mL	
DMT-2'-F-pU-CE-Phosphoramidite		5'-O-DMT-2'-O-TBD MS-N1-Me-pU-Phosphoramidite	
PA-5030		PA-2022	
Package: 1 g, 100 g, 1000 g		Package: 1 g, 100 g, 1000 g	