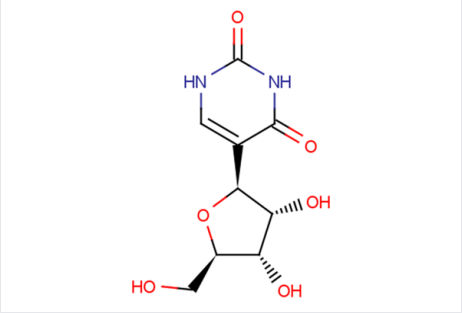
Pseudouridine

PRODUCT OVERVIEW

Product Name	Pseudouridine, Biochemical
Full Product Name	Pseudouridine
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >= 2 years
Molecular Weight	244.2
Receptor	Human Endogenous Metabolite
Solubility	DMSO: 125ug/mL (511.88mM; Need ultrasonic)
SMILES	OC[C@H]1O[C@H]([C@H](O)[C@@H]1O)c1c[nH]c(=O)[nH]c1=O
Molecular Formula	C9H12N2O6
CAS Number	1445-07-4
Product Categories/Family for Pseudouridine biochemical	Endogenous Metabolite; Proteasome/Ubiquitin
Related Product Information for Pseudouridine biochemical	Pseudouridine is the most abundant modified nucleoside in non-coding RNAs. It enhances the function of transfer RNA and ribosomal RNA by stabilizing RNA structure.
Product References and Citations for Pseudouridine biochemical	1. Carlile TM, et al. Pseudouridine profiling reveals regulated mRNA pseudouridylation in yeast and human cells. Nature. 2014 Nov 6;515(7525):143-6.
Other Notes	Small volumes of Pseudouridine biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Pseudouridine purchase	MBS3612401 is a biochemical targeting Pseudouridine.



Chemical Structure of Pseudouridine biochemical

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Pseudouridine. It may not necessarily be applicable to this product.

Protein Family	Pseudouridine-5'-phosphatase

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MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
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