



1. Identification

Catalogue Number

U829930

Lot Number

23-MGG-165-2

Product Name

Uridine Diphosphate Choline Ammonium Salt

Synonyms

Uridine 5'-(Trihydrogen Diphosphate) P'-[2-(Trimethylammonio)ethyl] Ester Ammonium Salt;

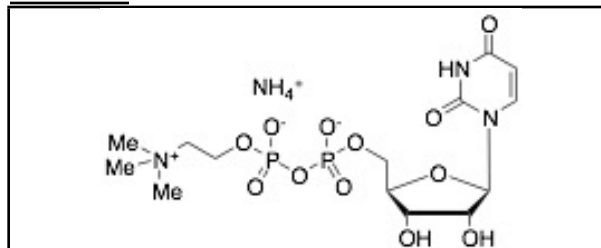
CAS Number

N/A

Solubility

DMSO (Very Slightly), Water (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

Molecular Formula

C₁₄H₂₈N₄O₁₂P₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

506.34

Purity

>95%

2. Warnings

Very Hygroscopic

3. Analytical Information

Tests	Specifications	Results
Appearance	White to Dark Yellow Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 31.89, %H: 5.93, %N: 10.24
HPLC Purity	>95%	95.15% (260 nm)
MS	Conforms to Structure	Conforms
Ammonium Content	Report Result	3.3%
Specific Rotation	Report Result	-0.3° (c = 0.2, Water)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
			7/5/2024	7/3/2028
Swathi Reddy	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		