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## MCE MedChemExpress

### **Certificate of Analysis**

### **DMT-dU-CE Phosphoramidite**

Cat. No.: HY-132136
CAS No.: 109389-30-2
Batch No.: 102384

Chemical Name: Uridine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-, 3'-[2-cyanoethyl N,N-bis(1-methyl

ethyl)phosphoramidite]

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{39}H_{47}N_4O_8P$  Molecular Weight: 730.79

**Storage:** 4°C, protect from light

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

#### ANALYTICAL DATA

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.75%

**Conclusion:** The product has been tested and complies with the given specifications.

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

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