



## Specification

### 2',3'-Dideoxy-5'-O-DMTr-Cytidine

**Catalog Number:** DD1003  
**CAS Number:** 797804-87-6  
**Molecular Formula:** C<sub>30</sub>H<sub>31</sub>N<sub>3</sub>O<sub>5</sub>  
**Molecular Weight:** 513.61  
**Storage:** < 0°C, with dessicant  
**Retest Period:** One year from the date of manufacture

Test	Specification
Appearance	White solid
Purity (HPLC)	≥ 99%
Purity (TLC) Rf=0.45 (DCM:EA:MeOH: AcCN, 10:10:2:3)	≥ 99%
Identification 1H-NMR Mass Spec	Consistent with structure Consistent with structure
Solubility (25mg/mL DCM)	Clear & colorless

Approved:

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John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojiraafc.com](mailto:docsupport@gojiraafc.com)