

# **Certificate of Analysis**

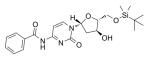
## 5-O-TBDMS-N4-Benzoyl-2-deoxycytidine

Cat. No.:	HY-138593
CAS No.:	51549-36-1
Batch No.:	102388
Chemical Name:	Cytidine, N-benzoyl-2'-deoxy-5'-O-[(1,1-dimethylethyl)dimethylsilyl]-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>22</sub> H <sub>31</sub> N <sub>3</sub> O <sub>5</sub> Si
Molecular Weight:	445.58
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):	98.00%
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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