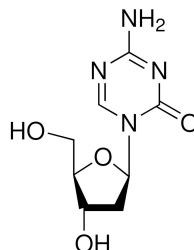


## Product Specification

**Product Name :** 5-Aza-2'-deoxycytidine ≥97%  
**Product Number:** A3656  
**CAS Number:** 2353-33-5  
**MDL Number :** MFCD00043011  
**Molecular Formula:** C<sub>8</sub>H<sub>12</sub>N<sub>4</sub>O<sub>4</sub>  
**Formula Weight:** 228.21 g/mol



### Test

### Specification

Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity) 50 mg/ml, HOAc and H <sub>2</sub> O (1:1)	Clear to Slightly Hazy
Proton NMR Spectrum	Conforms to Structure
Carbon	37.9 - 46.3 %
Nitrogen	22.1 - 27.1 %
Purity (HPLC)	≥ 97%

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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