



Certificate of analysis

Product name: Nelarabine

Cas number: **121032-29-9**

Molecular Formula: $C_{11}H_{15}N_5O_5$

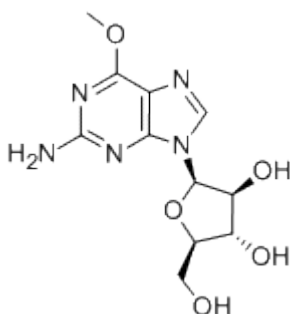
Molecular Weight: 297.27

Date of production: Aug. 15, 2017

Batch NO: 20170815

Exp Date: Aug. 14, 2019

Chemical structure:



Items	Specifications	Results
Appearance	White To Off White Powder	Conforms
Solubility	slightly soluble to soluble in water and melts with decomposition between 201 and 210°C.	Conforms
Identification	NMR,IR,HPLC	Conforms
Related Substances	Single Impurity $\leq 0.5\%$ Total impurities: $\leq 1.0\%$	0.22 % 0.78%
Loss On Drying	$\leq 1.00\%$	0.51 %
Residue On Ignition	$\leq 0.10\%$	0.09%
Heavy Metal	≤ 20 PPM	<20ppm
Assay	98.0-102 %	98.5 %

Conclusion: It complies with Enterprise standard

Analyst: Zhao

Checker: Liu

Q.C Director, Fang F

