



**同田生物**  
**TAUTO BIOTECH**

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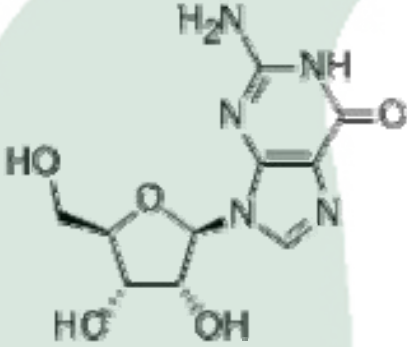
86-21-51320588-8008/8035/8026/8025

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<b>PRODUCT ID</b>	E-0575	<p align="center"><b>Structure</b></p> 
<b>PRODUCT</b>	Guanosine /鸟苷	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	16042041	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2016-04-20	
<b>DATE OF REPORT</b>	2016-04-20	

**CHEMICAL NAME** guanine riboside

**OTHER NAME** Esculetin

**CHEMICAL FORMULA** C10H13N5O5

**MOLECULAR WEIGHT(MW)** 283.24

**CAS NUMBER** 118-00-3

**CHEMICAL FAMILY** nucleosides核苷

**FROM** Pinellia ternata Thunb.Brei

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK450—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK450—2007	NA	ND
Water	Q/TFFK450—2007	≤2%	Conforms
Appearance		White Powder	Conforms

**STORAGE CONDITIONS**

STORAGE Refer to the label

SHELF LIFE 2 Years

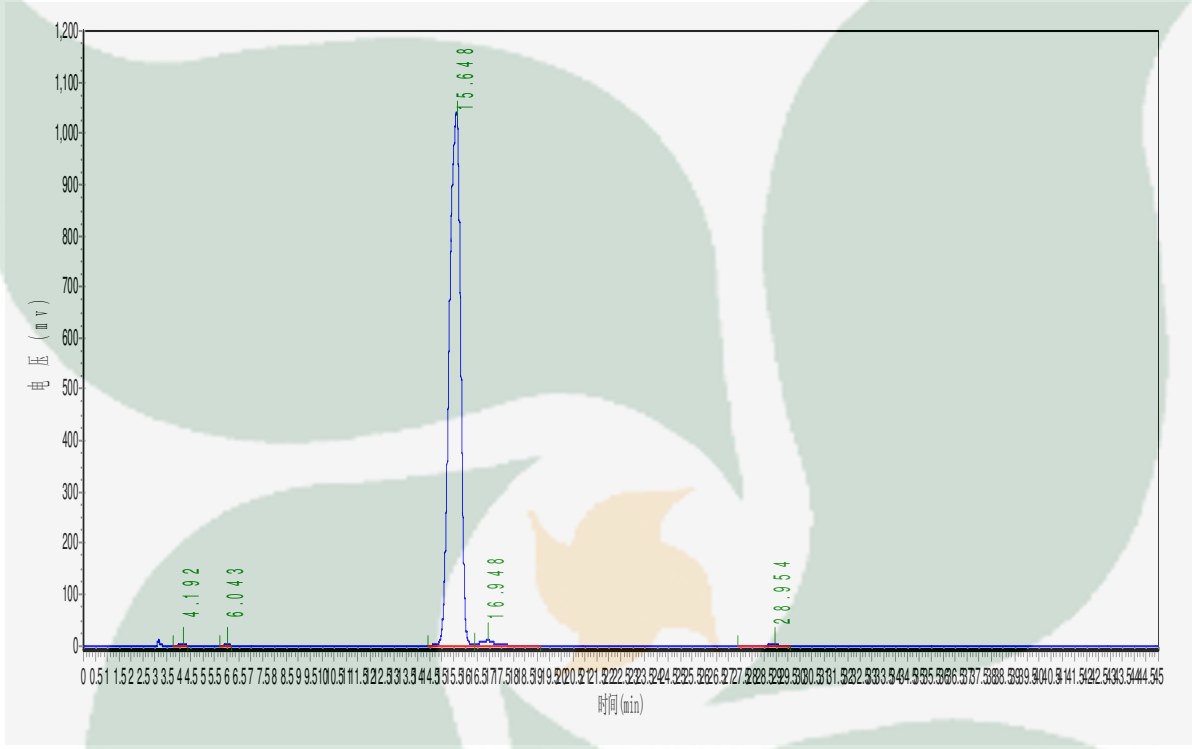
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** Guanosine      **Chrom-Column:** C18  
**Lot Number:** 16042041      **Mobile Phase:** MeOH:0.1%H3PO4=5:95  
**Detector:** UV      **Wavelength:** 254nm  
**Detect Time:** 2016-04-20      **Inject Vol:** 20ul  
**Analyst:** shuzhilin      **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.192	1706.895	14895.300	0.0435
2	6.043	230.793	3609.800	0.0106
3	15.648	1038115.688	33856824.000	98.9733
4	16.948	8591.213	323657.531	0.9461
5	28.954	187.910	9056.000	0.0265