

Certificate of Analysis

Product Name : Test Kinetin suitable for plant cell culture. BioReagent, amorphous powde

Product Number : SR3378-26L1

Batch Number : SRLJ202378

CAS Number : 525-79-1.

MDL Number : MFCD000757589

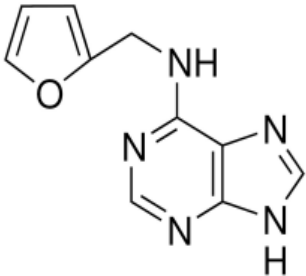
Molecular Formula : $C_{10}H_9N_5O$

Formula Weight : 215.21 g/mol

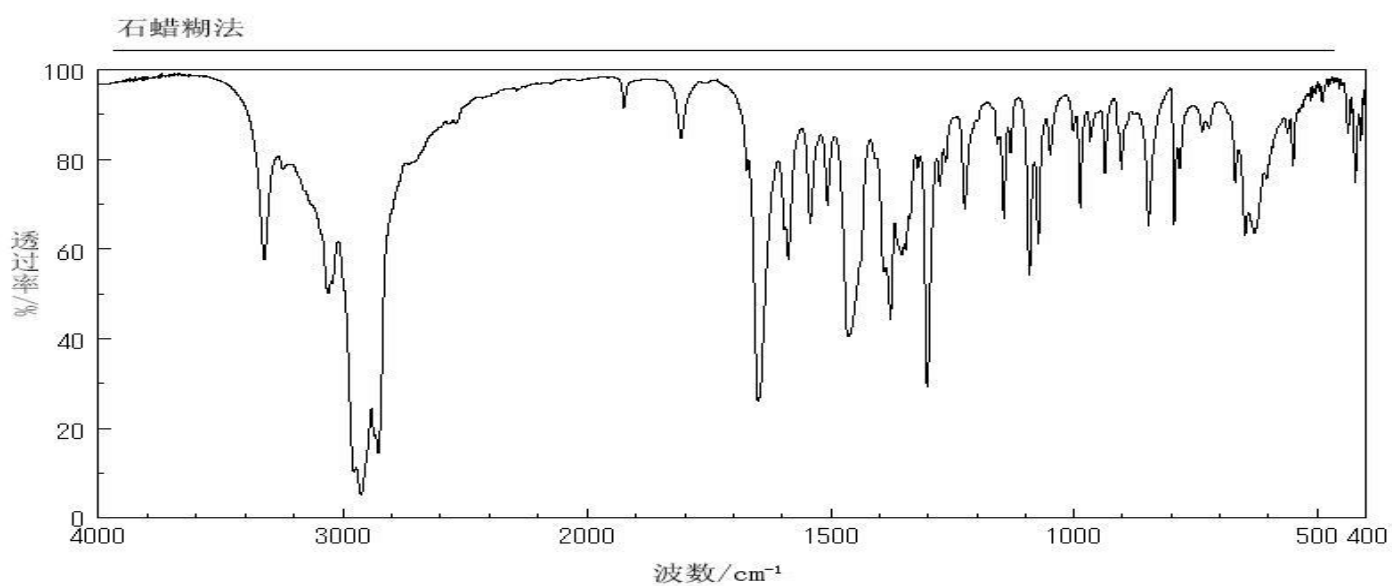
Quality Release Date : Feb 2025

Test.

Test	Specifications	Result
Appearance (Form)	Powde	Powder
Appearance (Color)	White	White
Solubility (Solvent)	Acetic Acid	Acetic Acid
Solubility (Conc) Solubility	49.00 - 51.00 mg/m	49.00 - 51.00 mg/m
(Heating) Solubility (Turbidity)	Colorless to Yellow Clear	Colorless to Yellow Clear
Solubility (Color)	Colorless to Yellow	Colorless to Yellow
NMR (Solvent)	DMSO-D6	DMSO-D6
Identity by NMR	Consistent	Consistent
Purity (HPLC)	>98.00	99.00%
UV (Solvent) UV (Lambda max)	Ethanol	Ethanol
UV (EmM at Lambda max)	266-270nm	268nm
Initial Melting Point	≥265 °C	≥266 °C
Final Melting Point	≥269 °C	≥269 °C

Cell Culture (Pcel)	Pass	Pass
STRUCTURE		

FTIR



3321 58	1650 26	1377 44	1073 61	794 65
3058 50	1587 58	1302 29	987 69	647 63
2925 5	1542 66	1225 69	936 77	549 79
2854 15	1507 70	1144 67	902 78	421 75
1808 85	1465 40	1092 54	846 65	

