

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

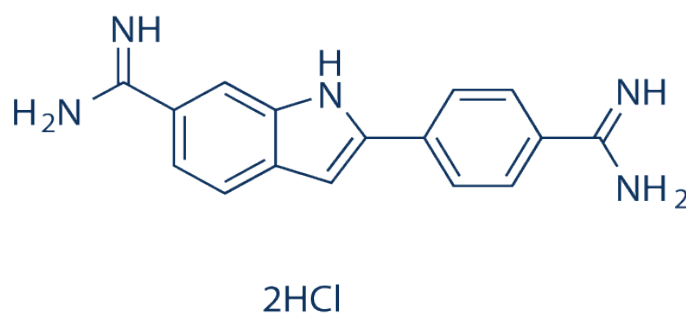
Product Name: 4',6-Diamidino-2-phenylindole Dihydrochloride 10mM in DMSO
Product Number: D423005-1ml
Lot Number: F2424338
CAS No.: 28718-90-3

Test	Specification	Result
Concentration:	10.0 mmol/L	10.0 mmol/L
Appearance:	Light-green Liquid	Light-green Liquid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{15}N_5 \cdot 2HCl$
Molecular Weight: 350.25
Storage: -80°C, 24 months
Inspection Date: 2026-05-13
Period of Validity: 2028-05-12

Chemical Structure:



RAW MATERIAL ANALYTICAL DATA (Please see attachment for spectrum)

Purity(HPLC): 99.174%
Proton NMR spectrum: Conforms to Structure

Sample Information

Acquired by : System Administrator

Sample Name :

Sample ID :

Tray# : 1

Vial# : 21

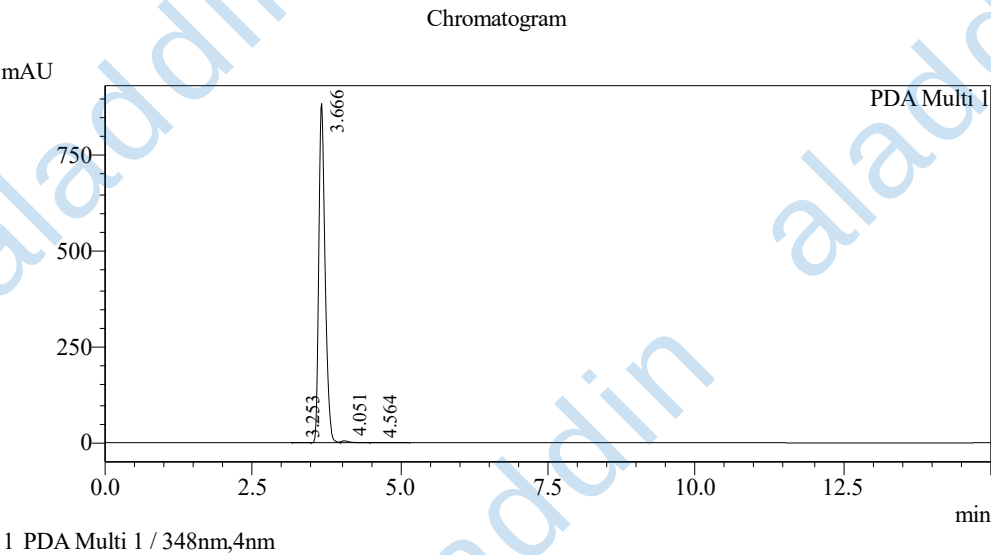
Injection Volume : 2 uL

Data Filename : D489987-110-316999-02.lcd

Method Filename : 7-3-0.6-15MIN.lcm

Batch Filename : 0124-02.lcb

Report Filename : DEFAULT.lsr



PeakTable

PDA Ch1 348nm

Ret. Time	Area	Height	Area %	分离度(USP)
3.253	1327	87	0.020	--
3.666	6491507	886348	99.174	0.970
4.051	47057	4815	0.719	1.611
4.564	5683	290	0.087	1.069
	6545573	891540	100.000	

