

Certificate of Analysis

Diquat (dibromide)

 Cat. No.:
 HY-122984

 CAS No.:
 85-00-7

 Batch No.:
 323328

Chemical Name: Dipyrido[1,2-a:2',1'-c]pyrazinediium, 6,7-dihydro-, bromide (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{12}Br_2N_2$ Molecular Weight:344.05

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

N⁺ Br⁻

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.83%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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