Certificate of Analysis

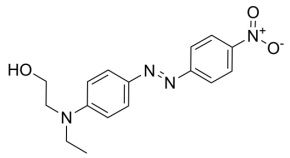
Disperse Red 1

Cat. No.:	HY-D0342
CAS No.:	2872-52-8
Batch No.:	109007
Chemical Name:	Ethanol, 2-[ethyl[4-[2-(4-nitrophenyl)diazenyl]phenyl]amino]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{16}H_{18}N_4O_3$
Molecular Weight:	**314.34**
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:



ANALYTICAL DATA

Appearance:	Brown to black (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥95.0%**
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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