

## Disperse Red 1

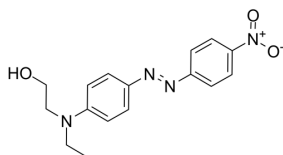
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Cat. No.: HY-D0342  
CAS No.: 2872-52-8  
Batch No.: 109007  
Chemical Name: Ethanol, 2-[ethyl[4-[2-(4-nitrophenyl)diazenyl]phenyl]amino]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>16</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>  
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)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.07%  
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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