Certificate of Analysis

Acid orange 7

Cat. No.: HY-N1442

CAS No.: 633-96-5

Batch No.: 78576

Chemical Name: Benzenesulfonic acid, 4-[2-(2-hydroxy-1-naphthalenyl)diazenyl]-, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

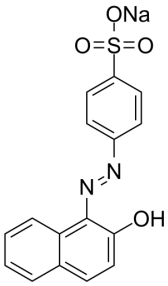
Molecular Formula: $C_{16}H_{11}N_2NaO_4S$

Molecular Weight: 350.32

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:



ANALYTICAL DATA

Appearance: Orange to red (Solid)

^{1}H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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