



CERTIFICATE OF ANALYSIS

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1. Identification

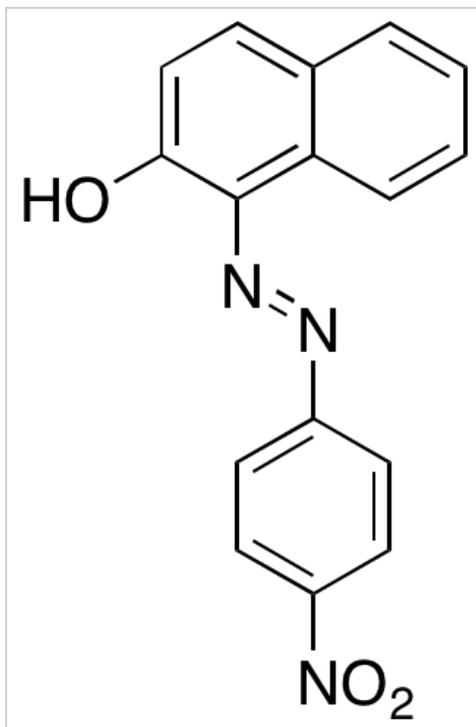
Catalogue Number: P191975

CAS Number: 6410-10-2

Product: Para Red

Synonym: C.I. Pigment Red 1 (7CI,8CI); 1-(2-Hydroxynaphthyl)-4'-nitroazobenzene; 1-[(4-Nitrophenyl)azo]-2-naphthol; 1-[(p-Nitrophenyl)azo]-2-naphthol; C.I. 12070; C.P. Britelite Toner RP 9; C.P. Para Toner Light RP 2; Carnelio Para Red BS; Carnelio Para Red YS; Conc. Para Red; Conc. Para Red YS; Dainichi Para Red Toner; Duplex Para Red XD 20-2900; Eljon Para Red; Federal Red; Isol Para Red B; Kromon Para Red BS; Kromon Para Red YS; Label Red; Lacal Red GN; Lake Red 2R; Lake Red PN; Lutetia Red B; Luteti

Structure:



Molecular Formula:

$C_{16}H_{11}N_3O_3$

Molecular weight:

293.28

Source of Product:

N/A

Solubility:

DMSO (Slightly)

Lot Number: 3-JLW-3-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: Amber Vial, Refrigerator

2. Warning

Warning 1: Light Sensitive

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

Red Solid

Red Solid

NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms
UV Absorbance	Report Result	328 nm, 486 nm

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton 	Toni Rantanen	My Nguyen 	4/14/2020	4/12/2024