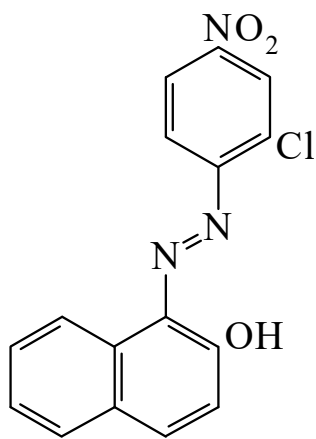




>>Entry Name: Permanent Red R

Synonym(s): 1-[(2-Chloro-4-nitrophenyl)azo]-2-naphthalenol, 9Cl. C.I. 12085. C.I. Pigment red 4



CAS Registry Number: 2814-77-9

Molecular Formula: $C_{16}H_{10}ClN_3O_3$

Molecular Weight: 327.726

Accurate Mass: 327.041069

Percentage Composition: C 58.64%; H 3.08%; Cl 10.82%; N 12.82%; O 14.65%

Use/Importance: Pigment for printing inks

Physical Description: Orange-red solid

References:

Colour Index, 3rd edn., 1971, **4**, 4031, (*rev*)

Eur. Pat., 1987, 244 686; *CA*, **108**, 133395c, (*synth*)