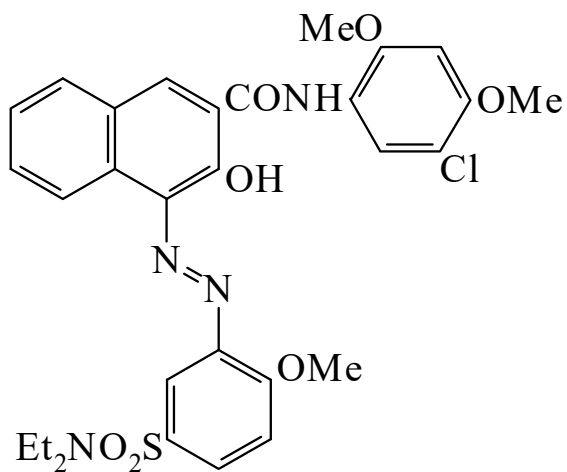




>>Entry Name: Permanent Carmine FB

Synonym(s): *N*-(5-Chloro-2,4-dimethoxyphenyl)-4-[[5-[(diethylamino)sulfonyl]-2-methoxyphenyl]azo]-3-hydroxy-2-naphthalenecarboxamide, 9Cl. C.I. 12490. C.I. Pigment red 5



CAS Registry Number: 6410-41-9

Molecular Formula: C₃₀H₃₁ClN₄O₇S

Molecular Weight: 627.116

Accurate Mass: 626.160198

Percentage Composition: C 57.46%; H 4.98%; Cl 5.65%; N 8.93%; O 17.86%; S 5.11%

Use/Importance: Pigment for printing inks

Physical Description: Red solid

References:

U.K. Pat., 1933, 391 468; *CA*, **54**, 10345g, (*synth*)

Eur. Pat., 1981, 55 218; *CA*, **97**, 164529h, (*synth*)