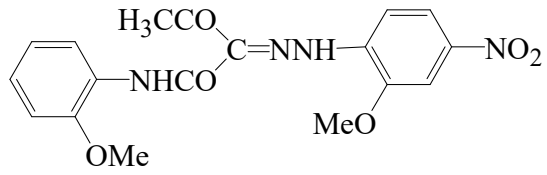
>>**Entry Name: Yellow Pigment 74**

Synonym(s): 2-[[2-Methoxy-4-nitrophenyl]azo]-*N*-(2-methoxyphenyl)-3-oxobutanamide, $_{9CI}$. 2-[(2-Methoxy-4-nitrophenyl)azo]-*O*-acetoacetanisidide, $_{8CI}$. C.I. 11741



CAS Registry Number: 6358-31-2

Molecular Formula: $C_{18}H_{18}N_4O_6$
Molecular Weight: 386.363
Accurate Mass: 386.122636
Percentage Composition: C 55.96%; H 4.70%; N 14.50%; O 24.85%

Use/Importance: Pigment for printing inks
Physical Description: Cryst. (xylene or DMF)
Melting Point: Mp 293°

References:

Ger. Pat., 1975, *Bayer*, 2 340 767; *CA*, **83**, 195210, *(synth)*
Hencken, G*., Am. Ink Maker*, 1978, **56**, 57-70, *(uv)*
Whitaker, A. *et al.*, *Acta Cryst. C*, 1987, **43**, 2137-2141, *(struct)*
Christie, R.M. *et al.*, *Dyes Pigm.*, 1991, **16**, 231-240, *(synth, uv)*
Whitaker, A*., Z. Kristallogr.*, 1994, **209**, 227-231, *(cryst struct)*