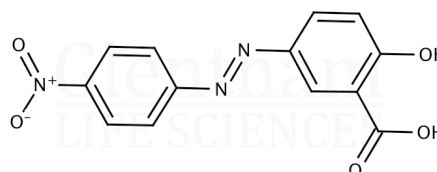


Product Specification

Product Name	Mordant Orange 1
Glentham Code	GT7206
CAS Number	2243-76-7
EINECS	218-818-3
MDL Number	MFCD00007313
PubChem SID	310277308
Molecular Weight	287.23
Molecular Formula	$C_{13}H_9N_3O_5$
Storage Temp.	+20°C



Property	Specification
Physical Description	Yellow-orange to red, or dark brown powder
Solubility (1% in 1M NH4OH)	Clear, red to dark red solution
pH Transition Range	10.1 - 12.1 (yellow to orange-red)
Wavelength of Maximum Absorption (λ_{max})	380.0 - 390.0 nm (5mg/L, methanol)
Absorbance	≥ 0.325 (5mg/L, methanol, λ_{max})
Absorptivity	≥ 600 (10g/L, methanol, λ_{max})
Loss on Drying	$\leq 10.0\%$ (105°C)

Specification Version	- v1.1
Date Created	- 2019-03-29

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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