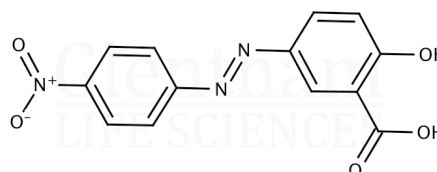


## Product Specification

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 ( $\lambda_{max}$ )	380.0 - 390.0 nm (5mg/L, methanol)
Absorbance	$\geq 0.325$ (5mg/L, methanol, $\lambda_{max}$ )
Absorptivity	$\geq 600$ (10g/L, methanol, $\lambda_{max}$ )
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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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