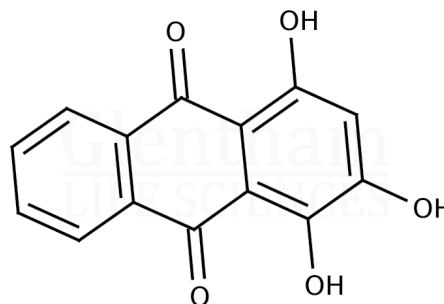


Product Specification

Product Name	Purpurin (C.I. 58205)
Glentham Code	GT4917
CAS Number	81-54-9
EINECS	201-359-8
Colour Index	58205
MDL Number	MFCD00001203
PubChem SID	310279393

Molecular Weight	256.21
Molecular Formula	C ₁₄ H ₈ O ₅
Storage Temp.	+20°C



Property	Specification
Physical Description	Dark-red to orange-brown or brown powder
Identification (IR)	To conform to standard
Solubility	1mg/ml NH ₄ OH: Red to very dark red or purple solution
Wavelength of Maximum Absorption (λ _{max})	470.0 - 490.0 nm
Extinction Coefficient	≥ 17000 (254 - 260 nm, c=10mg/L, methanol)
Extinction Coefficient	≥ 7000 (470 - 490 nm, c=10mg/L, methanol)
Assay (HPLC)	≥ 70.0%

Specification Version	- v1.1
Date Created	- 2024-01-05

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025