

Product Datasheet

GT4917 - Purpurin (C.I. 58205)

Pictograms

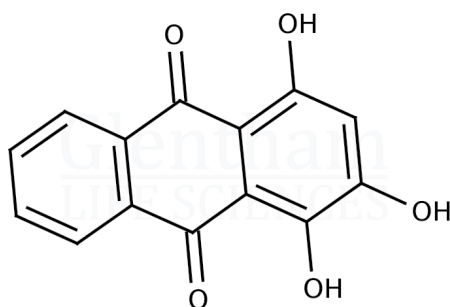


Product Details

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
Related Categories	Biochemicals, Dyes & Stains

Structure

Molecular Weight	: 256.21
Molecular Formula	: C ₁₄ H ₈ O ₅



Glentham Product Specification

Physical Description	: Dark-red to orange-brown or brown powder
Assay (HPLC)	: ≥ 70.0%
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)
Identification (IR)	: To conform to standard
Version	: v1.1

About Purpurin (C.I. 58205)

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Warning
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P302+P350, P280, P261, P305+P351+P338

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