

Product Datasheet

GT3509 - Fluorescein (C.I. 45350.1)

Product Details

Product Name	Fluorescein (C.I. 45350.1)
Glenthams Code	GT3509
CAS Number	2321-07-5
EINECS	219-031-8
Colour Index	45350
MDL Number	MFCD00005050
PubChem SID	310273145
Related Categories	Biochemicals, Dyes & Stains

Loss on Drying	: ≤ 5.0%
Assay	: 95.0 - 105.0 %
Version	: v1.1

About Fluorescein (C.I. 45350.1)

Fluorescein is an organic molecule classed as a xanthene dye. Slightly soluble in water, is commonly used in fluorescent tracing applications. Used in the biology laboratory as a labelling agent.

Structure


Molecular Weight	: 332.32
Molecular Formula	: $C_{20}H_{12}O_5$

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Eye Irr. 2A
Signal Word	Warning
Hazard Codes	H319
Precautionary Codes	P305+P351+P338
Pictograms	

Glenthams Product Specification

Physical Description	: Orange to red powder
Solubility (0.1% in 1M NaOH)	: Clear, orange to orange-green or orange-brown solution

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