

Product Datasheet

GT8047 - Chromotrope 2R (C.I. 16570)

Precautionary Codes

P302+P350, P280, P261,
P305+P351+P338

Pictograms

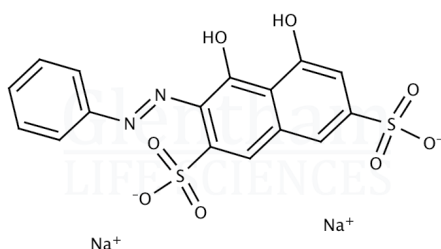


Product Details

Product Name	Chromotrope 2R (C.I. 16570)
Glenthams Code	GT8047
CAS Number	4197-07-3
EINECS	224-085-0
Numéro MDL	MFCD00003955
Index des couleurs	16570
PubChem SID	310270232
Related Categories	Biochemicals, Dyes & Stains

Structure

Molecular Weight	: 468.37
Molecular Formula	: C ₁₆ H ₁₀ N ₂ Na ₂ O ₈ S ₂



Glenthams Product Specification

Physical Description	: Red to brown powder
Solubility (0.1% in methanol)	: Clear, red solution
Wavelength of Maximum Absorption (λ _{max})	: 505 - 515 nm (in methanol)
Absorptivity (1%/1cm)	: ≥ 475
Loss on Drying	: ≤ 10.0% (1h, 110°C)
Dye Content (Spectrophotometry)	: ≥ 75.0%
Version	: v1.1

About Chromotrope 2R (C.I. 16570)

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 Attention

Hazard Codes H315, H336, H335, H319

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