

Product Datasheet

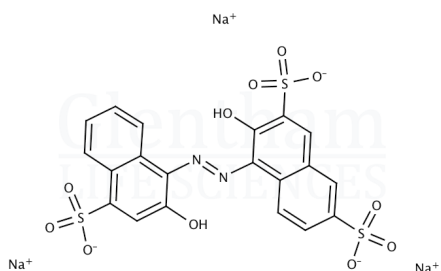
GT3182 - Hydroxynaphthol blue

Product Details

Product Name	Hydroxynaphthol blue
Glenthams Code	GT3182
CAS Number	63451-35-4
EINECS	264-197-7
MDL-Nummer	MFCD00036393
PubChem SID	310274948
Zusätzliche CAS	165660-27-5
Related Categories	Dyes & Stains, Analytical Reagents

Structure

Molecular Weight	: 620.47
Molecular Formula	: $C_{20}H_{11}N_2Na_3O_{11}S_3$



Precautionary Codes

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

Pictograms



Glenthams Product Specification

Physical Description	: Dark blue powder
Solubility (0.1% in water)	: Clear, red solution
Wavelength of Maximum Absorption	: 645.0 - 650.0 nm
Absorptivity (1%/1cm)	: ≥ 350 (in NH_4 buffer pH 12.0 + 2ml 0.05 EDTA, at λ_{max})
Loss on Drying	: $\leq 8.0\%$ (105°C, 1h)
Suitability for Calcium Determination	: To pass test
Version	: v1.1

About Hydroxynaphthol blue

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 Achtung

Hazard Codes H315, H336, H335, H319

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