

Product Datasheet

GT5674 - Congo Red (C.I. 22120)

Pictograms

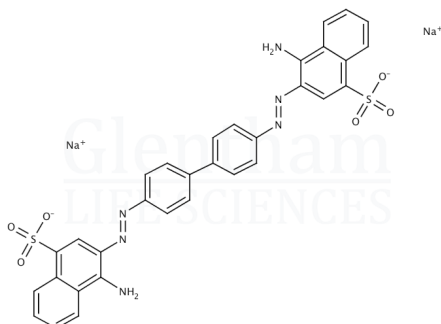


Product Details

Product Name	Congo Red (C.I. 22120)
Glentham Code	GT5674
CAS Number	573-58-0
EINECS	209-358-4
Colour Index	22120
MDL Number	MFCD00004028
PubChem SID	310270465
Related Categories	Biochemicals, Dyes & Stains

Structure

Molecular Weight	: 696.67
Molecular Formula	: $C_{32}H_{22}N_6Na_2O_6S_2$



Glentham Product Specification

Physical Description	: Red powder
Solubility (0.1% in water)	: Clear, red solution
Wavelength of Maximum Absorption (λ_{max})	: 495.0 - 503.0 nm
Specific Absorption ($E_{1\%}/1cm$)	: ≥ 500 (at λ_{max})
Loss on Drying	: $\leq 10.0\%$ (110°C)
Dye Content	: $\geq 70.0\%$
Version	: v1.0

About Congo Red (C.I. 22120)

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Carc. 1B, Repr. 2, Eye Irr. 2A
Signal Word	Danger
Hazard Codes	H350, H361, H319
Precautionary Codes	P281, P305+P351+P338, P308+P313

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