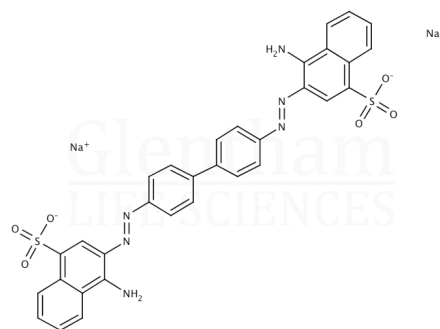


Product Specification

| | |
|-------------------|-----------------------------|
| 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 |
| Molecular Weight | 696.67 |
| Molecular Formula | $C_{32}H_{22}N_6Na_2O_6S_2$ |
| Storage Temp. | +20°C |



| Property | 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 (E1%/1cm) | ≥ 500 (at λ_{max}) |
| Loss on Drying | $\leq 10.0\%$ (110°C) |
| Dye Content | $\geq 70.0\%$ |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.0 |
| Date Created | - | 2014-04-02 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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