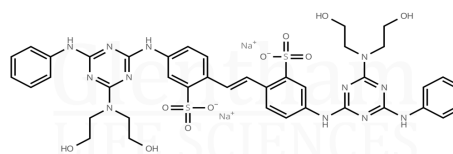


Product Specification

| | |
|---------------|---------------------------------------|
| Product Name | Fluorescent Brightener 28 sodium salt |
| Glentham Code | GT5235 |
| CAS Number | 4193-55-9 |
| EINECS | 224-073-5 |
| MDL Number | MFCD00308955 |

| | |
|-------------------|-----------------------------------|
| Molecular Weight | 960.90 |
| Molecular Formula | $C_{40}H_{44}N_{12}O_{10}S_2Na_2$ |
| Storage Temp. | +20°C |



| Property | Specification |
|----------------------------------|---------------------------------------|
| Physical Description | Yellow to beige powder |
| Identification (IR) | To conform to standard |
| Solubility (0.1% in water) | Clear, yellow solution |
| Wavelength of Maximum Absorption | 270.0 - 280.0 nm (0.01g/L, 0.1M HCl) |
| | 370.0 - 380.0 nm (0.01g/L, 0.1M HCl) |
| | 235.0 - 245.0 nm (0.01g/L, 0.1M NaOH) |
| | 345.0 - 355.0 nm (0.01g/L, 0.1M NaOH) |

| | |
|-----------------------|--------------|
| Specification Version | - v1.0 |
| Date Created | - 2024-03-18 |

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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