

## Product Datasheet

### GT3970 - Trypan Blue (C.I. 23850)

Pictograms

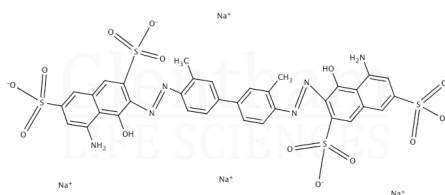


#### Product Details

|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| Product Name       | Trypan Blue (C.I. 23850)                                  |
| Glentham Code      | GT3970                                                    |
| CAS Number         | 72-57-1                                                   |
| EINECS             | 200-786-7                                                 |
| Farbindex          | 23850                                                     |
| MDL-Nummer         | MFCD00003969                                              |
| PubChem SID        | 310281477                                                 |
| Related Categories | Biochemicals, Dyes & Stains,<br>Reagents for Cell Culture |

#### Structure

|                   |                                  |
|-------------------|----------------------------------|
| Molecular Weight  | : 960.82                         |
| Molecular Formula | : $C_{34}H_{24}N_6Na_4O_{14}S_4$ |



#### Glentham Product Specification

|                                                      |                                     |
|------------------------------------------------------|-------------------------------------|
| Physical Description                                 | : Dark green, brown or black powder |
| Identification (IR)                                  | : To conform to standard            |
| Solubility (1% in water)                             | : Clear, blue to dark blue solution |
| Wavelength of Maximum Absorption ( $\lambda_{max}$ ) | : 602.0 - 608.0 nm (in methanol)    |
| Absorptivity (1%/1cm)                                | : $\geq 650$                        |
| Loss on Drying                                       | : $\leq 10.0\%$                     |
| Dye Content                                          | : $\geq 65.0\%$                     |
| Version                                              | : v1.2                              |

#### About Trypan Blue (C.I. 23850)

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

|                                            |           |
|--------------------------------------------|-----------|
| Not classified as dangerous for transport. |           |
| CLP Classification                         | Carc. 1B  |
| Signal Word                                | Gefahr    |
| Hazard Codes                               | H350      |
| Precautionary Codes                        | P308+P313 |

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