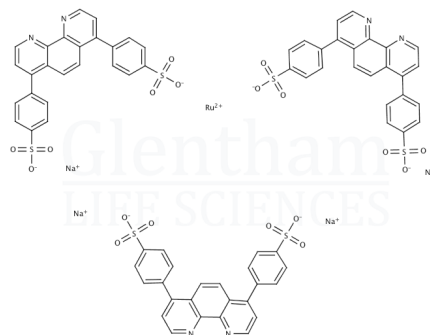


## Product Specification

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Product Name      | Tris(bathophenanthroline)disulfonate)ruthenium(II) sodium salt |
| Glentham Code     | GT6092                                                         |
| CAS Number        | 301206-84-8                                                    |
| MDL Number        | MFCD04040034                                                   |
| PubChem SID       | 310281432                                                      |
| Molecular Weight  | 1664.55                                                        |
| Molecular Formula | $C_{72}H_{42}N_6Na_4O_{18}RuS_6$                               |
| Storage Temp.     | +4°C                                                           |



| Property                                             | Specification           |
|------------------------------------------------------|-------------------------|
| Physical Description                                 | Orange solid or powder  |
| Wavelength of Maximum Absorption ( $\lambda_{max}$ ) | 459 - 465 nm (in water) |
| Specific Absorption ( $\lambda_{max}$ )              | 30,000 - 34,000         |
| Purity (HPLC)                                        | $\geq 90\%$             |
| Specification Version                                | - v1.0                  |
| Date Created                                         | - 2017-02-17            |

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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