# Certificate of Analysis



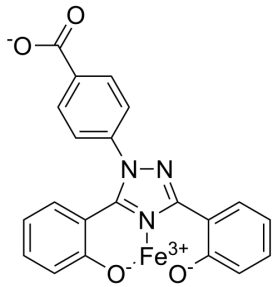
## Deferasirox (Fe3+ chelate)

| | |
|---|---|
| **Cat. No.:** | HY-16564 |
| **CAS No.:** | 554435-83-5 |
| **Batch No.:** | 07845 |
| **Chemical Name:** | Iron, [4-[3,5-bis[2-(hydroxy-κO)phenyl]-1H-1,2,4-triazol-1-yl-κN4]benzoato(3-)]- |

### PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Molecular Formula:** | $C_{21}H_{12}FeN_3O_4$ | | |
| **Molecular Weight:** | **426.18** | | |
| **Storage:** | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 2 years |
| | | -20°C | 1 year |

**Chemical Structure:**



### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | Light brown to black (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **Purity (NMR):** | **≥98.0%** |
| **Conclusion:** | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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