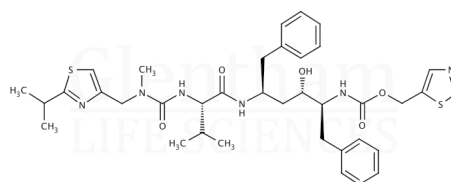


Certificate of Analysis

Product Name Ritonavir
Glentham Code GP3714
CAS Number 155213-67-5
MDL Number MFCD00927142
PubChem SID 310279746
Batch Number 457KPB

Molecular Weight 720.94
Molecular Formula $C_{37}H_{48}N_6O_5S_2$
Storage Temp. +20°C



| Property | Specification | Batch 457KPB |
|---|--|----------------------------|
| Physical Description | White to off-white powder | White powder |
| Solubility (1% in DMSO) | Clear, colourless to very faint yellow solution (on warming) | Clear, colourless solution |
| Specific Optical Rotation ($[\alpha]_{20/D}$) | +7.0 - +10.0 ° (c=2, methanol) | +8.93 ° |
| Melting Point | 121.0 - 127.0 °C | 122.9 - 124.7 ° |
| Water | ≤ 0.5% | 0.2% |
| Assay | ≥ 98.0% | 99.4% |

Specification Version v1.1
Manufacture Date 2020-11-24
Re-Test Date 2029-02-18

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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