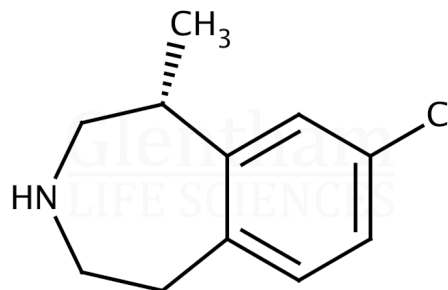


## Certificate of Analysis

|                 |                                      |
|-----------------|--------------------------------------|
| Product Name    | Lorcaserin hydrochloride hemihydrate |
| Glentham Code   | GP4427                               |
| CAS Number      | 856681-05-5                          |
| PubChem SID     | 310275866                            |
| Zusätzliche CAS | 846589-98-8                          |
| Zusätzliche CAS | 616202-92-7                          |
| MDL-Nummer      | MFCD09833667                         |
| Batch Number    | 580KMG                               |

|                   |                                              |
|-------------------|----------------------------------------------|
| Molecular Weight  | 482.32                                       |
| Molecular Formula | $2(C_{11}H_{14}ClN) \cdot 2(HCl) \cdot H_2O$ |
| Storage Temp.     | -20°C                                        |



| Property                                         | Specification                                   | Batch 580KMG               |
|--------------------------------------------------|-------------------------------------------------|----------------------------|
| Physical Description                             | White or off-white powder or crystals           | White crystalline powder   |
| Solubility (5% in DMSO)                          | Clear, colourless to very faint yellow solution | Clear, colourless solution |
| Specific Optical Rotation ([α] <sub>20/D</sub> ) | +2.5 - +5.5 ° (c=1, methanol)                   | + 3.78°                    |
| Water                                            | 3.0 - 4.5 %                                     | 3.6%                       |
| Assay                                            | ≥ 98.0%                                         | 99.8%                      |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2020-11-05 |
| Re-Test Date          | 2029-01-12 |

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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