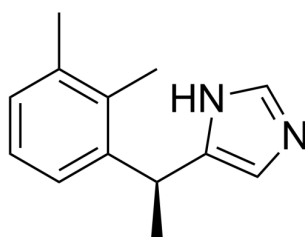


## Certificate of Analysis

### Compound Information

|                            |  |
|----------------------------|--|
| <b>Product Name:</b>       | Dexmedetomidine                                |
| <b>Cat. No.:</b>           | 1017371  |
| <b>CAS No.:</b>            | 113775-47-6                                    |
| <b>Molecular Formula:</b>  | C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> |
| <b>Molecular Weight:</b>   | 200.28   |
| <b>Chemical Structure:</b> |  |



### Batch Information

|                     |                           |
|---------------------|---------------------------|
| <b>Batch No.:</b>   | Le081394194               |
| <b>Storage:</b>     | 2-8°C, protect from light |
| <b>Test Date:</b>   | 2021-03-12                |
| <b>Retest Date:</b> | 2024-03-11                |
| <b>Origin:</b>      | Shanghai, China           |

### QC Summary

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | White to off-white (Solid)  |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>LCMS:</b>                       | Consistent with structure   |
| <b>Purity (LCMS):</b>              | 99.63%  |
| <b>Conclusion:</b>                 | The product has been tested and complies with the given specifications. |

**Caution: Research use only and are not intended for human use.**

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai