

Certificate of Analysis

Inhibitors • Screening Libraries • Proteins

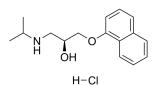
(S)-(-)-Propranolol (hydrochloride)

| Cat. No.: | HY-B0573A |
|----------------|---|
| CAS No.: | 4199-10-4 |
| Batch No.: | 418441 |
| Chemical Name: | 2-Propanol, 1-[(1-methylethyl)amino]-3-(1-naphthalenyloxy)-, hydrochloride (1:1), (2S)- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₁₆ H ₂₂ CINO ₂ |
|--------------------|---|
| Molecular Weight: | 295.80 |
| Storage: | 4°C, sealed storage, away from moisture |
| | * In solvent : -80°C. 6 months: -20°C. 1 month (sealed storage, away from moisture) |

Chemical Structure:



ANALYTICAL DATA

| Appearance: | White to off-white (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (HPLC): | 99.95% |
| 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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