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Product Specification

Product Name:

(R)-(+)-Propranolol hydrochloride - ≥98% (TLC)

Product Number:

P0689

CAS Number:

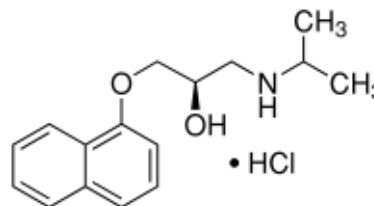
13071-11-9

Formula:

C₁₆H₂₁NO₂·HCl

Formula Weight:

295.81 AMU



TEST

Specification

Appearance (Form)	Powder
Appearance (Colour)	White to White w/ Yellow Cast
Solubility (Solvent)	Water
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Heating)	Yes
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility (Color)	Colorless
Water (by Karl Fischer)	≤ 2.00 %
Elemental Anal. (%C anhydrous)	64.56 - 65.36 %
Elemental Anal. (%N anhydrous)	4.44 - 5.04 %
NMR (Solvent)	D ₂ O
Identity by NMR	Consistent
Purity (TLC)	≥ 98.00 %
Specific Rotation (Solvent)	Ethanol
Specific Rotation (Conc)	9.00 - 11.00 mg/ml
Specific Rotation (Alpha D)	24.00 - 28.00 deg
Recommended Retest Period	-----
3 Years	

Specification: PRE.0.ZQ5.10000001315

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.