

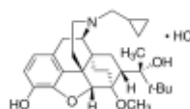
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Product Specification

Product Name:
Buprenorphine hydrochloride

Product Number: **B9275**
CAS Number: 53152-21-9
MDL: MFCD00084836
Formula: C₂₉H₄₁NO₄ · HCl
Formula Weight: 504,10 g/mol



TEST

Specification

Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
25 mg/ml, EtOH	
¹ H NMR Spectrum	Conforms to Structure
¹³ C NMR Spectrum	Conforms to Structure
Specific Rotation	-104 - -98 °
C = 2.5 in Ethanol, at 25 deg C	
Purity (HPLC)	≥ 98 %

Specification: PRD.2.ZQ5.10000039263

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.