

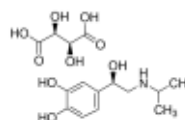
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
(-)-Isoproterenol (+)-bitartrate salt - powder

Product Number: **I2760**  
CAS Number: 54750-10-6  
MDL: MFCD00069361  
Formula: C<sub>11</sub>H<sub>17</sub>NO<sub>3</sub> · C<sub>4</sub>H<sub>6</sub>O<sub>6</sub>  
Formula Weight: 361.34 g/mol



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml, H <sub>2</sub> O	
Proton NMR spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 11 %
Solvent Content	≤ 5 %
% Isopropanol by GC	
Purity (TLC)	≥ 98 %
Nitrogen (Dry Basis)	3.6 - 4.2 %
Specific Rotation (dry basis)	-15.7 - -14.1 °
c = 2.3 in H <sub>2</sub> O at 20 deg C	

Specification: PRD.1.ZQ5.10000018521

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](http://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.