

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

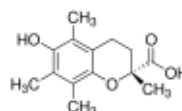
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
(R)-(+)-6-Hydroxy-2,5,7,8-tetramethylchroman-2-carboxylic acid - 98%

Product Number: 391913
CAS Number: 53101-49-8
MDL: MFCD00180755
Formula: C₁₄H₁₈O₄
Formula Weight: 250.29 g/mol



TEST	Specification
Appearance (Color)	Conforms to Requirements
White to Off-White to Beige to Red-Orange to Grey	
Appearance (Form)	Conforms to Requirements
Powder, Crystals, Crystalline Powder and/or Chunks	
Infrared spectrum	Conforms to Structure
Solubility (Color)	Colorless to Light Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
2.5% in Ethanol	
Optical Rotation	62.0 - 68.0
1.2% in Ethanol	
Purity (Titration by NaOH)	97.5 - 102.5 %

Specification: PRD.3.ZQ5.10000007721

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.