

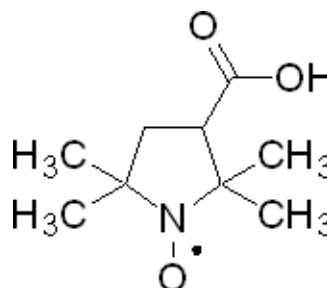
3050 Spruce Street, Saint Louis, MO 63103, USA

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:  
3-Carboxy-PROXYL - 98%

Product Number: 253324  
CAS Number: 2154-68-9  
MDL: MFCD00003167  
Formula: C<sub>9</sub>H<sub>16</sub>NO<sub>3</sub>  
Formula Weight: 186.23 g/mol  
Storage Temperature: 2 - 8 °C



### TEST

### Specification

Appearance (Color)	Yellow
Appearance (Form)	Conforms to Requirements
Powder, Crystals or Crystalline Powder	
Infrared spectrum	Conforms to Structure
Carbon	56.6 - 59.5 %
Nitrogen	7.3 - 7.7 %
GC (area %)	≥ 97.5 %
Solubility (Turbidity)	Clear to Very Slightly Hazy
c = 50 mg/ml; Methanol	
Solubility (Color)	Dark Yellow to Very Dark Yellow

Specification: PRD.0.ZQ5.10000032213

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.