

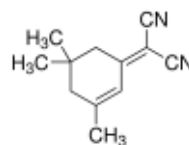
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## Product Specification

Product Name:  
(3,5,5-Trimethylcyclohex-2-enylidene)malononitrile

**Product Number:** 643769  
**CAS Number:** 23051-44-7  
**MDL:** MFCD00228058  
**Formula:** C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>  
**Formula Weight:** 186.25 g/mol



TEST	Specification
Appearance (Color)	Conforms to Requirements
Yellow to Orange to Tan	
Appearance (Form)	Conforms to Requirements
Powder, Crystals, Crystalline Powder and/or Chunks	
Infrared spectrum	Conforms to Structure
Carbon	73.9 - 80.9 %
Nitrogen	14.3 - 15.7 %

Specification: PRD.0.ZQ5.10000051000

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.