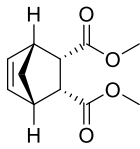




Certificate of Analysis

MedKoo Cat#: 576917	Product Name: Dimethyl carbate	Lot#: S21S11C20
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Chemical name	
dimethyl (1R,2S,3R,4S)-bicyclo[2.2.1]hept-5-ene-2,3-dicarboxylate	
Synonyms	
Dimethyl carbate; Compound 3916; Dimalone; Dimelone; NISY; NSC 196235; NSC 46419	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 576917 Name: Dimethyl carbate CAS#: 39589-98-5 Lot#: S21S11C20 Chemical Formula: C ₁₁ H ₁₄ O ₄ Exact Mass: 210.0892 Molecular Weight: 210.23

Analysis item	Specifications / Results
Appearance	Colorless to light yellow liquid
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>97.0%
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 3 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE