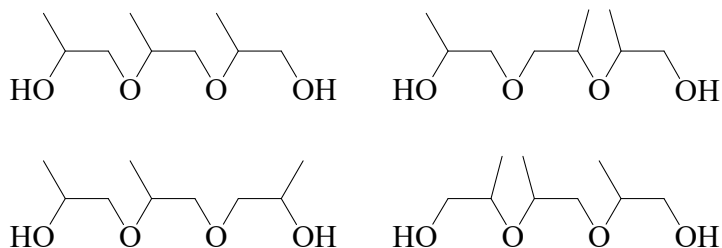




>>Entry Name: Tripropylene glycol, 8Cl

Synonym(s): [(1-Methyl-1,2-ethanediyl)bis(oxy)]bispropanol, 9Cl



CAS Registry Number: 24800-44-0

Molecular Formula: C₉H₂₀O₄

Molecular Weight: 192.255

Accurate Mass: 192.13616

Percentage Composition: C 56.23%; H 10.49%; O 33.29%

Use/Importance: Antifreeze, solvent with low acute toxicity

Physical Description: Liq.

Boiling Point: Bp 268°. Bp₂ 115°

Density: d₄²⁰ 1.02

Hazard & Toxicity: Fl. p. 141°

Aldrich: 18759-3

Rare Chemicals Library: S45997-6

>>Derivative: Di-2-propenoyl

Synonym(s): Tripropylene glycol diacrylate. TRPGDA. Aronix M220. Numerous other trade names

CAS Registry Number: 42978-66-5

Molecular Formula: C₁₅H₂₄O₆

Molecular Weight: 300.351

Accurate Mass: 300.15729

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

Use/Importance: Monomer used in photopolym. compositions

Density: d 1.03

Refractive Index: n_D²⁰ 1.4500

>>Derivative: Mono-Me ether

CAS Registry Number: 25498-49-1

Molecular Formula: C₁₀H₂₂O₄

Molecular Weight: 206.281

Accurate Mass: 206.15181

Percentage Composition: C 58.23%; H 10.75%; O 31.02%

Use/Importance: Solv. for inks and cleaning compositions

Physical Description: Liq.

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 345B, (nmr)

Gurvich, S.M. *et al.*, *Zh. Org. Khim.*, 1965, **1**, 500; *J. Org. Chem. USSR (Engl. Transl.)*, 1965, **1**, 492, (synth, use)

U.K. Pat., 1973, 1357206; *CA*, **79**, 55601h, (diacrylate)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TMZ000