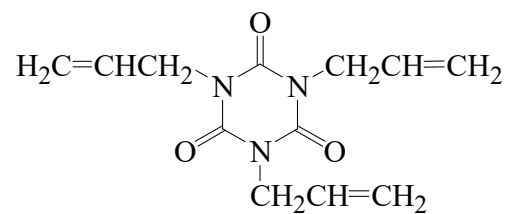




>>Entry Name: 1,3,5-Tri-2-propenyl-1,3,5-triazine-2,4,6(1*H*,3*H*,5*H*)-trione, 9Cl

Synonym(s): Triallyl-1,3,5-triazine-2,4,6(1*H*,3*H*,5*H*)-trione, 8Cl. Triallyl isocyanurate



CAS Registry Number: 1025-15-6

Molecular Formula: C₁₂H₁₅N₃O₃

Molecular Weight: 249.269

Accurate Mass: 249.111342

Percentage Composition: C 57.82%; H 6.07%; N 16.86%; O 19.26%

Use/Importance: Crosslinking agent in polymers

Physical Description: Cryst. (MeOH)

Melting Point: Mp 19-22°

Boiling Point: Bp₄ 149-152°

Refractive Index: n_D²⁰ 1.5130

Aldrich: 11423-5

References:

Aldrich Library of NMR Spectra, 2nd edn., 1983, **2**, 727D, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 813B, (*ir*)

U.S. Pat., 1951, 2 536 849; *CA*, **45**, 5726i, (*synth*)

Frazier, T.C. *et al.*, *J.O.C.*, 1960, **25**, 1944, (*synth*)

Etienne, A. *et al.*, *C. R. Hebd. Seances Acad. Sci. Ser. C*, 1975, **280**, 995, (*synth*)

Chiron-Charrier, M. *et al.*, *Synth. Commun.*, 1993, **23**, 2659-2672, (*synth, ir, pmr, cmr*)