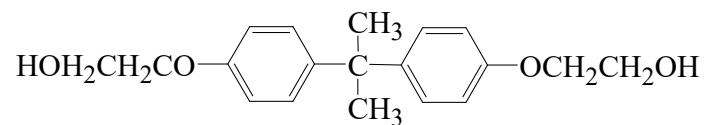




>>Entry Name: 2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxy)]bisethanol, 9CI

Synonym(s): 2,2'-[Isopropylidenebis(*p*-phenyleneoxy)]diethanol, 8CI. 2,2-Bis[4-(2-hydroxyethoxy)phenyl]propane



CAS Registry Number: 901-44-0

Molecular Formula: C₁₉H₂₄O₄

Molecular Weight: 316.396

Accurate Mass: 316.16746

Percentage Composition: C 72.13%; H 7.65%; O 20.23%

Use/Importance: Monomer for polyesters

Physical Description: Cryst. (EtOH)

Melting Point: Mp 109-110°

>>Derivative: Di-2-propenoyl

CAS Registry Number: 24447-78-7

Molecular Formula: C₂₅H₂₈O₆

Molecular Weight: 424.493

Accurate Mass: 424.18859

Percentage Composition: C 70.74%; H 6.65%; O 22.61%

Use/Importance: Monomer for tooth fillings

Melting Point: Mp 58-60°

>>Derivative: Bis(2-methyl-2-propenoyl)

Synonym(s): Diacryl

CAS Registry Number: 24448-20-2

Molecular Formula: C₂₇H₃₂O₆

Molecular Weight: 452.546

Accurate Mass: 452.21989

Percentage Composition: C 71.66%; H 7.13%; O 21.21%

Use/Importance: Dental filler

References:

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Samsonova, T.I. *et al.*, *Zh. Prikl. Khim. (Leningrad)*, 1981, **54**, 2366-2369; *CA*, **96**, 19410n, (*synth*)

Kawaguchi, M. *et al.*, *Dent. Mater. J.*, 1984, **3**, 272, (*synth, use*)

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