



>>Entry Name: **1,3-Bis(isocyanatomethyl)benzene**, 9CI

Synonym(s): 1,3-Xylylene diisocyanate. *m*-Xylylene α,α' -diisocyanate

CAS Registry Number: 3634-83-1

Related CAS Registry Numbers(s): 25854-16-4

Molecular Formula: C₁₀H₈N₂O₂

Molecular Weight: 188.185

Accurate Mass: 188.058578

Percentage Composition: C 63.83%; H 4.28%; N 14.89%; O 17.00%

Physical Description: Liq.

Boiling Point: Bp₁₂ 159-162°. Bp₂ 130°

Density: d₄²⁰ 1.2

Refractive Index: n_D²⁰ 1.5910

Hazard & Toxicity: Lachrymator. Water-sensitive

References:

Siefken, W. *et al.*, *Annalen*, 1949, **562**, 75, (*synth*)

Ferstandig, L.L. *et al.*, *J.A.C.S.*, 1959, **81**, 4838, (*synth*)

Boyer, J.H. *et al.*, *J.C.S. Perkin 1*, 1988, 2137, (*synth, pmr, ir*)