



>>Entry Name: **1,3,5-Benzenetrimethanol**, 9CI

Synonym(s): 1,3,5-Tris(hydroxymethyl)benzene. Mesicerin

CAS Registry Number: 4464-18-0

Molecular Formula: C₉H₁₂O₃

Molecular Weight: 168.192

Accurate Mass: 168.078645

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 77°

>>Derivative: Tri-Ac

CAS Registry Number: 56025-61-7

Molecular Formula: C₁₅H₁₈O₆

Molecular Weight: 294.304

Accurate Mass: 294.11034

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 41°

References:

Cochrane, W.P. *et al.*, *J.C.S.(C)*, 1968, 630-632, (*synth*)

Safar, M. *et al.*, *Coll. Czech. Chem. Comm.*, 1974, **39**, 3390-3393, (*synth, tri-Ac*)

Bell, W. *et al.*, *Acta Cryst. C*, 1996, **52**, 2520-2524, (*cryst struct*)

Yamagiwa, Y. *et al.*, *Bull. Chem. Soc. Jpn.*, 1996, **69**, 3317-3323, (*synth, ir, pmr*)