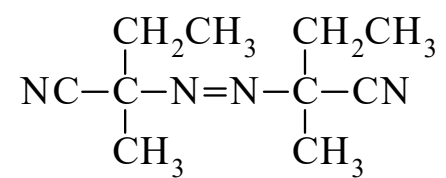




>>Entry Name: 2,2'-Azobis[2-methylbutanenitrile], 9CI



CAS Registry Number: 13472-08-7

Molecular Formula: C₁₀H₁₆N₄

Molecular Weight: 192.263

Accurate Mass: 192.137496

Percentage Composition: C 62.47%; H 8.39%; N 29.14%

Use/Importance: Polym. initiator

Physical Description: Prisms (EtOH)

Melting Point: Mp 57°

Solubility: Sol. EtOH, Et₂O; insol. H₂O

Hazard & Toxicity: Liberates HCN when solns. are heated

Aldrich: 42103-0

References:

Dox, A.W., *J.A.C.S.*, 1925, **47**, 1471, (*synth*)

Saha, N.G. *et al.*, *J.C.S.*, 1958, **7**, 12, (*use*)