



>>Entry Name: (3,5-Dimethylphenyl)hydrazine, 9CI

Synonym(s): 3,5-Xylylhydrazine

CAS Registry Number: 39943-61-8

Related CAS Registry Numbers(s): 60481-36-9

Structure by analogy with (2,3-Dimethylphenyl)hydrazine, [MZT33-V](#)

Molecular Formula: C₈H₁₂N₂

Molecular Weight: 136.196

Accurate Mass: 136.100048

Percentage Composition: C 70.55%; H 8.88%; N 20.57%

Physical Description: Cryst.

Melting Point: Mp 80-82°

Other Data: Sensitive to air and light

References:

Borsche, W. *et al.*, *Annalen*, 1941, **549**, 238, (*synth*)

Snyder, H.R. *et al.*, *J.A.C.S.*, 1953, **75**, 1873, (*synth*)