



>>Entry Name: (2,5-Dimethylphenyl)hydrazine, 9CI

Synonym(s): 2,5-Xylylhydrazine

CAS Registry Number: 613-85-4

Related CAS Registry Numbers(s): 73058-75-0

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 78°

>>Derivative: Hydrochloride

CAS Registry Number: 56737-78-1

Physical Description: Cryst.

Melting Point: Mp 209°

Aldrich: 32429-9

>>Derivative: Monopicrate

CAS Registry Number: 24006-17-5

Physical Description: Yellow needles

Melting Point: Mp 133-134°

References:

Carlin, R.B. *et al.*, *J.A.C.S.*, 1959, **81**, 4673, (*synth*)

Kauffmann, T. *et al.*, *Chem. Ber.*, 1969, **102**, 3088, (*synth*)