



>>Entry Name: (2,6-Dimethylphenyl)hydrazine, 9CI

Synonym(s): 2,6-Xylylhydrazine

CAS Registry Number: 603-77-0

Related CAS Registry Numbers(s): 78157-43-4

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

Molecular Formula: $C_8H_{12}N_2$

Molecular Weight: 136.196

Accurate Mass: 136.100048

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

Physical Description: Long needles (petrol)

Melting Point: Mp 36-40°

>>Derivative: Hydrochloride

CAS Registry Number: 2538-61-6

Physical Description: Needles (EtOH)

Melting Point: Mp 211 dec.°

References:

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