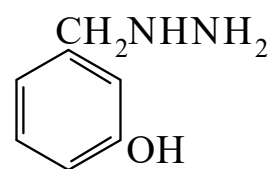




>>Entry Name: 3-Hydroxybenzylhydrazine

Synonym(s): 3-(Hydrazinomethyl)phenol, 9Cl. α -Hydrazino-*m*-cresol, 8Cl



CAS Registry Number: 637-33-2

Related CAS Registry Numbers(s): 52496-75-0

Molecular Formula: C₇H₁₀N₂O

Molecular Weight: 138.169

Accurate Mass: 138.079313

Percentage Composition: C 60.85%; H 7.29%; N 20.27%; O 11.58%

Use/Importance: Inhibitor of aromatic amino acid decarboxylase

Physical Description: Cryst. (EtOH)

Melting Point: Mp 114-115°

Hazard & Toxicity: LD₅₀ (mus, ipr) 154 mg/kg

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 81012-99-9

Melting Point: Mp 138 dec.°

Aldrich: 85992-3

Fluka: 54880

Sigma: H9382

References:

Gardner, T.S. *et al.*, *J. Med. Chem.*, 1962, **5**, 503, (*synth*)

U.K. Pat., 1963, 924 600; *CA*, **59**, 9888a, (*synth*)

Japan. Pat., 1976, 76 01 433; *CA*, **84**, 179854r, (*synth*)