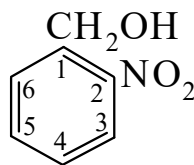




>>Entry Name: 2-Nitrobenzyl alcohol

Synonym(s): 2-Nitrobenzenemethanol, 9Cl.  $\alpha$ -Hydroxy-2-nitrotoluene. 1-Hydroxymethyl-2-nitrobenzene



CAS Registry Number: 612-25-9

Molecular Formula:  $C_7H_7NO_3$

Molecular Weight: 153.137

Accurate Mass: 153.042594

Percentage Composition: C 54.90%; H 4.61%; N 9.15%; O 31.34%

Use/Importance: Used in protection of aldehydes and ketones

Physical Description: Needles ( $H_2O$ )

Melting Point: Mp  $74^\circ$

Boiling Point: Bp  $270^\circ$ . Bp<sub>20</sub>  $168^\circ$

Hazard & Toxicity: Exothermic dec. at  $201^\circ$

Aldrich: N1280-5

Fluka: 73140

>>Derivative: O-Benzoyl

Molecular Formula:  $C_{14}H_{11}NO_4$

Molecular Weight: 257.245

Accurate Mass: 257.068809

Percentage Composition: C 65.37%; H 4.31%; N 5.44%; O 24.88%

Melting Point: Mp  $101-102^\circ$

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