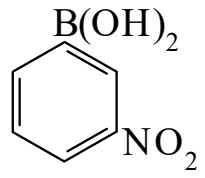
>>**Entry Name: Dihydroxy(3-nitrophenyl)borane**
Synonym(s): (3-Nitrophenyl)boronic acid, 12Cl. *m*-Nitrobenzeneboronic acid



CAS Registry Number: 13331-27-6

Molecular Formula: $C_6H_6BNO_4$
Molecular Weight: 166.929
Accurate Mass: 167.038989
Percentage Composition: C 43.17%; H 3.62%; B 6.48%; N 8.39%; O 38.34%
Use/Importance: Used as derivatisation reagent in gc detn. of diols, hydroxyamines and hydroxyacids; enzyme inhibitor and chemosterilant for insects
Physical Description: Yellow cryst. (H_2O)
Melting Point: Mp 275°. Mp 285°. Mp 319°
Solubility: Mod. sol. hot H_2O; sol. EtOH, Et_2O

Aldrich: 32510-4
Rare Chemicals Library: S40964-2
Sigma: N9626

References:

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