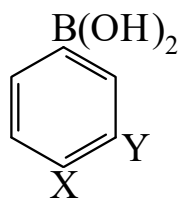




>>Entry Name: Dihydroxy(4-methyl-3-nitrophenyl)borane

Synonym(s): (4-Methyl-3-nitrophenyl)boronic acid, 11Cl. 3-Nitro-4-methylphenylboronic acid



X = Me, Y = NO₂

CAS Registry Number: 80500-27-2

Molecular Formula: C₇H₈BNO₄

Molecular Weight: 180.955

Accurate Mass: 181.054639

Percentage Composition: C 46.46%; H 4.46%; B 5.97%; N 7.74%; O 35.37%

Use/Importance: When immobilised, used for α-glucosidase affinity chromatog.

Physical Description: Needles (H₂O)

References:

Myoehaenen, T.A. *et al.*, *Biochem. J.*, 1981, **197**, 683, (*synth, use*)