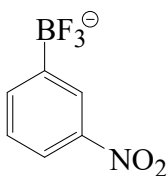




>>Entry Name: Trifluoro(3-nitrophenyl)borate(1-), ¹³Cl



Molecular Formula: C₆H₄BF₃NO₂⁽⁻⁾

Molecular Weight: 189.909

Accurate Mass: 190.028718

Percentage Composition: C 37.95%; H 2.12%; B 5.69%; F 30.01%; N 7.38%; O 16.85%

>>Derivative: K salt

CAS Registry Number: 192863-40-4

Source/Synthesis: Synth. from Dihydroxy(3-nitrophenyl)borane [FHM35-T](#) and aq. KHF₂

Use/Importance: Alternative reagent to BF₃ in Lewis acid catalysed Diels-Alder reactions

Physical Description: Cryst. (H₂O)

References:

De La Torre, M.F. *et al.*, *Tetrahedron*, 1999, **55**, 8547-8554, (*synth, use*)