



CERTIFICATE OF ANALYSIS

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1. Identification

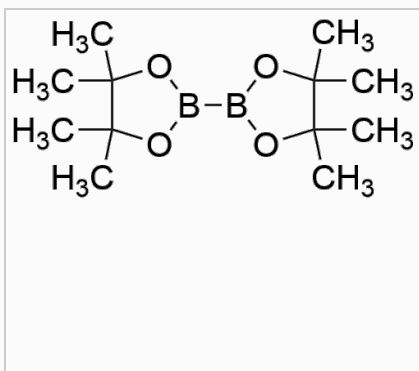
Catalogue Number: B522770

CAS Number: 73183-34-3

Synonym: 2-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane; 4,4,4',4',5,5,5',5'-Octamethyl-2,2'-bis(1,3,2-dioxaborolane); 4,4',5,5'-Octamethyl-2,2'-bi-1,3,2-dioxaborolane; B2Pin2; Bis(pinacolate)diboron; Bis(pinacolato)diborane; Bis(pinacolato)diborane; Diboron Pinacol Ester; Dipinacoldiboron; Pinacol Diborane;

Product: Bis(pinacolato)diboron

Structure:



Molecular Formula:

$C_{12}H_{24}B_2O_4$

Molecular weight:

253.94

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2-ZPK-19-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

White to Off-White Solid

White to Off-White Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

GC

Report Result

98.78%

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Reviewed By

C of A Approved By

Test Date

Retest Date

Evan Burns

Toni Rantanen

Chanell Chu

2/15/2022

2/13/2026