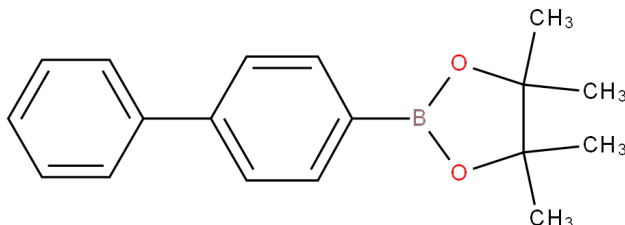




## Certificate of Analysis

Structure:



**Product Number** BM416  
**Batch Number** M04162101  
**Product Name** 4-Biphenylboronic acid, pinacol ester

**CAS Number** 144432-80-4  
**Molecular Formula** C<sub>18</sub>H<sub>21</sub>BO<sub>2</sub>  
**Molecular Weight** 280.172 g / mol

ANALYSIS	SPECIFICATION	RESULTS
<b>Appearance</b>	White to light brown solid	White solid
<b>MPt (°C)</b>	110-116	111-112
<b>GC - Ethyl acetate</b>	≥97%	100%
<b>NMR - CDCl<sub>3</sub></b>	≥97%	≥99%
<b>Notes</b>		
<b>Storage Conditions</b>	Store ≤ 25°C	
<b>Manufactured Date</b>	16/07/2021	<b>Retest Date</b> 15/07/2027

Prepared by:

  
Signature

kho

Print Name

16/07/2021

Date

Checked by:

  
Signature

jboyle

Print Name

16/07/2021

Date

### UNITED STATES

Boron Molecular Inc  
P.O. Box 12592  
Research Triangle Park, NC 27709  
Tel: (919)-981-4441 Fax: (919)-981-4442  
Email:sales@boronmolecular-usa.com

### AUSTRALIA

Boron Molecular Pty Limited  
Building 2, 500 Princes Hwy (Manufacture Site)  
Noble Park, Victoria, 3174  
Tel: 61-3-8558 8000  
Email:sales@boronmolecular.com