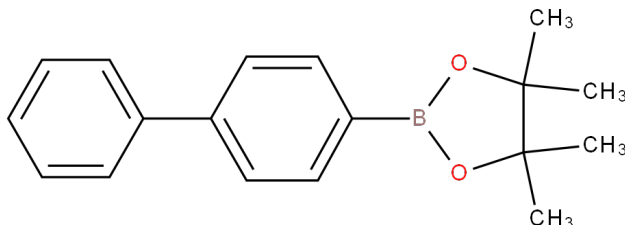




## Certificate of Analysis

**Structure:**

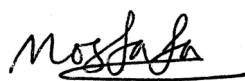


**Product Number** BM416  
**Batch Number** M04161501  
**Product Name** 4-Biphenylboronic acid, pinacol ester

**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
<i>Appearance</i>	White to light brown solid	White solid
<i>MPt (°C)</i>	110-116	112-114
<i>GC -</i>	>97%	>99%
<i>NMR - CDCl<sub>3</sub></i>	>97%	>99%
<b>Notes</b>		
<b>Storage Conditions</b>	Store ≤ 25°C	

Prepared by:

  
Signature

Mostafa Kamal

Print Name

21/04/2015

Date

Checked by:

Signature

Print Name

Date

**UNITED STATES**

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