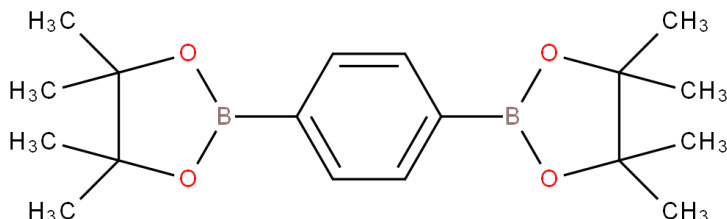




## Certificate of Analysis

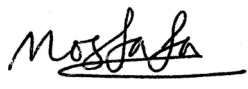
### Structure:




**Product Number** BM661  
**Batch Number** M06611301  
**Product Name** 1,4-phenyldiboronic acid, bis(pinacol) ester

**CAS Number** 99770-93-1  
**Molecular Formula** C<sub>18</sub>H<sub>28</sub>B<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** 330.034 g / mol

ANALYSIS	SPECIFICATION	RESULTS
<i>Appearance</i>	White to brown solid	brown solid
<i>MPt (°C)</i>	240-245	241-242
<i>GC -</i>	>97%	>99%
<i>NMR - CDCl<sub>3</sub></i>	>97%	>98%
<b>Notes</b>		
<b>Storage Conditions</b>	Store ≤ 25°C	

Prepared by:  Mostafa Kamal 1/08/2013  
*Signature* *Print Name* *Date*

Checked by:  Anthony Kaye 1/08/2013  
*Signature* *Print Name* *Date*

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