

## Certificate of Analysis

Product Name: (2-Methyl-5-ethyl-d8)-thiophene-3-boronic acid pinacol ester  
Cat. No.: GF53154  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 2223032-30-0  
Molecular Formula: C<sub>13</sub>H<sub>15</sub>BD<sub>8</sub>O<sub>3</sub>S  
Molecular Weight: 278.2452142  
Storage: -20°C, sealed storage, away from moisture

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >95.00%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**