

## Certificate of Analysis

Product Name: 2-(4-(3, 4-Difluorophenyl)thiophen-2-yl)-4, 4, 5, 5-tetramethyl-1, 3, 2-dioxaborolane  
Cat. No.: GF41542  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1402227-89-7  
Molecular Formula: C<sub>16</sub>H<sub>17</sub>BF<sub>2</sub>O<sub>2</sub>S  
Molecular Weight: 322.18  
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