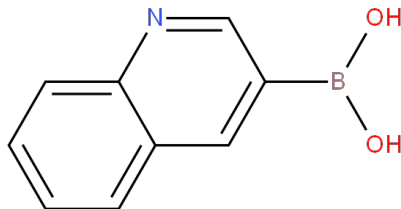




Certificate of Analysis

Structure:



Product Number BM432
Batch Number B04321501
Product Name Quinoline-3-boronic acid

CAS Number 191162-39-7
Molecular Formula C₉H₈BNO₂
Molecular Weight 172.977 g / mol

| ANALYSIS | SPECIFICATION | RESULTS |
|--------------------------------------|--|-------------|
| Appearance | colourless to pale orange solid | white solid |
| GC - as hexylene glycol ester | >97% | >98% |
| NMR - MeOH/D₂O | >97% | >97% |
| Notes | May contain varying amounts of anhydrides. NMR must be run in CD ₃ OD/D ₂ O. | |
| Storage Conditions | Store ≤ 25°C | |

Prepared by:


Signature

Mark Russell

30/04/2015

Print Name

Date

Checked by:


Signature

Justine Walter

4/05/2015

Print Name

Date

UNITED STATES

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