

## Certificate of Analysis

This document certifies that this product has met all of the quality control standards defined by Cell Signaling Technology, Inc.

**Research Use Only Reagent (RUO): For research use only. Not for use in diagnostic procedures.**

Product Number: **16483**  
Product Name: **Ibrutinib**

Product Type: Chemical Modulators  
Species of Origin: N/A  
Lot Number: 2  
Concentration: 10 mg

Approved Applications:

- Other: Chemical Modulator

Approval:

Production: Amanda Levie

Date: 17-April-2023