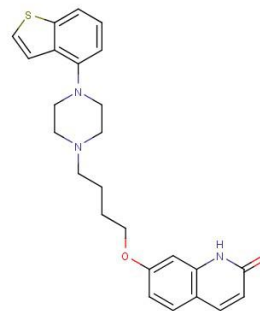


# CERTIFICATE OF ANALYSIS

Print Date: March 30, 2020

## PRODUCT INFORMATION

CAS No.: 913611-97-9  
Product Name: 7-(4-(4-(benzo[b]thiophen-4-yl)piperazin-1-yl)butoxy)quinolin-2(1H)-one  
Synonyms: Brexpiprazole; OPC-34712  
MW: 433.577  
MF: C<sub>25</sub>H<sub>27</sub>N<sub>3</sub>O<sub>2</sub>S



## BATCH INFORMATION

Batch Number: 124900  
Manufacture Date: March 30, 2020  
Quantity: 100g  
Recommended Retest Date: March 30, 2022

## STORAGE

Refridge Temperature

## Analytical Data

Appearance: White solid  
Assay (HPLC): 95.0%  
<sup>1</sup>H-NMR: Consistent with structure  
Remarks:

Issued By: Shenqi Wei

Approved By: Shuyin Gu