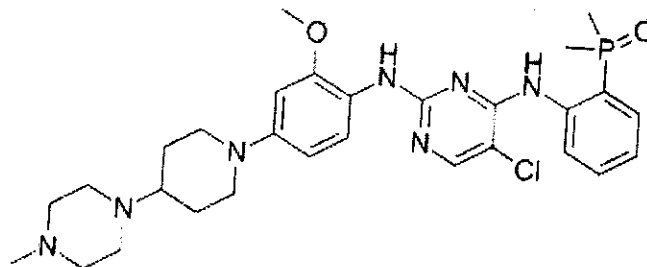


# LC Laboratories®

## CERTIFICATE OF ANALYSIS

### Brigatinib, Free Base, >99%

LC LABS CAT. NO.     **B-9800**  
FORMULA            C<sub>29</sub>H<sub>39</sub>ClN<sub>7</sub>O<sub>2</sub>P  
M.W.                 584.09  
CAS NO.             [1197953-54-0]  
STORAGE            Store at or below -20 °C\*\*\*  
SOLUBILITY         Soluble in DMSO.



## ANALYTICAL DATA

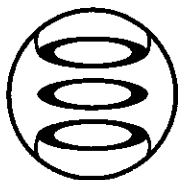
LOT NUMBER        **BRG-101**  
FORM                Crystalline solid; granular or powder  
COLOR              White  
HPLC PURITY        >99% (see attached chromatogram)  
TLC PURITY         >99% (see attached chromatogram)  
ELEMENTAL ANALYSIS   For: C<sub>29</sub>H<sub>39</sub>ClN<sub>7</sub>O<sub>2</sub>P:

	<u>Calculated</u>	<u>Found</u>
C	59.63%	59.87%
H	6.73%	6.87%
Cl	6.07%	5.88%
N	16.79%	16.52%

\*\*\*This product is stable at ambient temperature for several weeks during ordinary shipping and time spent in Customs or other delay. For long-term stability, store tightly closed at -20 °C.

January 27, 2020

D:\COFA-BIZ\B-B-COFA\BRG101FL WPD



# LC Laboratories®

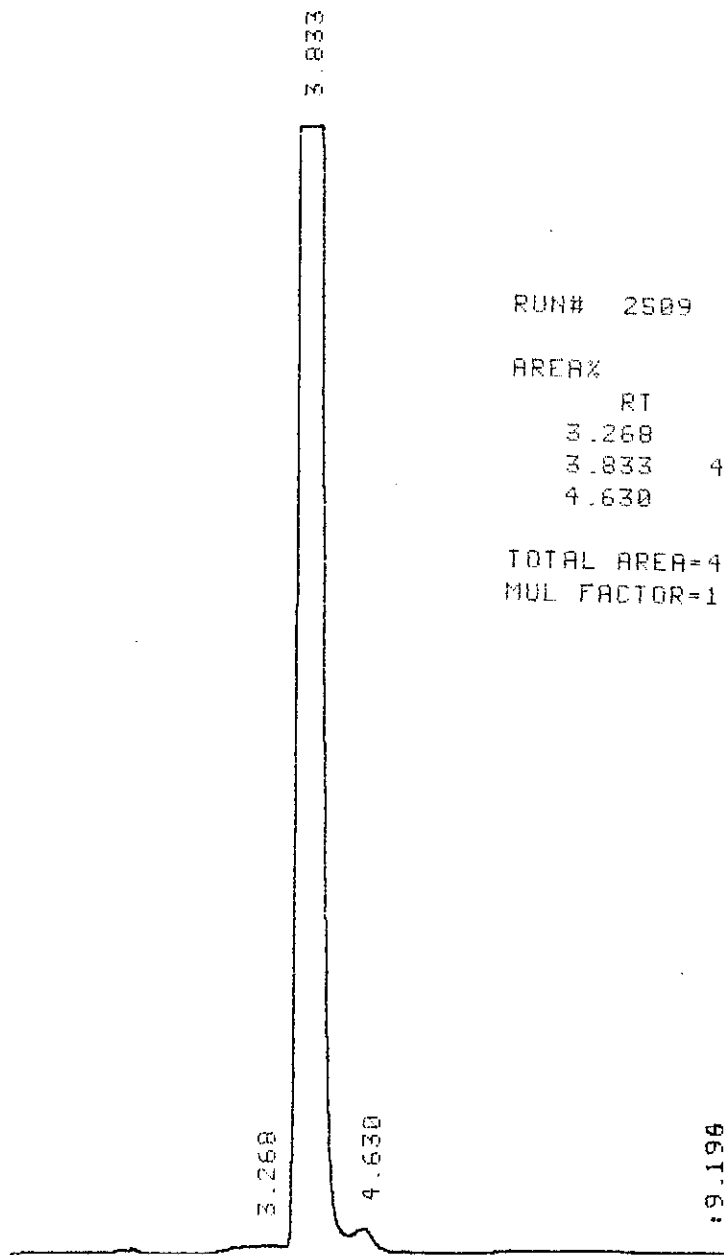
Cat. No. B-9800  
**Brigatinib, Free Base**  
 Lot BRG-101  
 >99%

RUN# 2509                      JAN 27, 2020 03:10:18

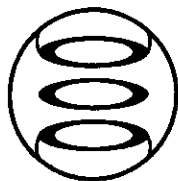
RT	AREA	TYPE	WIDTH	AREA%
3.268	9455	PP	.571	.21560
3.833	4365926	PP	.199	99.55520
4.630	10051	BP	.203	.22919

TOTAL AREA=4385434  
 MUL FACTOR=1.0000E+00

\*CAT. No. B-9800 BRIGATINIB, FREE BASE LOT No, BRG-101  
 \* RUN # 2509                      JAN 27, 2020 03:10:18  
 START



HPLC: C<sub>18</sub> Column, 4.6 mm x 30 cm  
 Acetonitrile/Methanol/Water/Trifluoroacetic acid 12/12/76/0.1  
 2 mL/min  
 UV<sub>254</sub> Detection



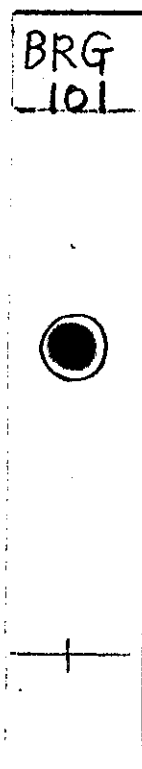
# LC Laboratories<sup>®</sup>

Cat. No. B-9800

**Brigatinib, Free Base**

Lot BRG-101

>99%



- TLC: 60 Å silica gel plates with fluorescent indicator
- Develop with Chloroform/Methanol/conc. NH<sub>4</sub>OH 84/16/1
- Visualize via UV fluorescence quenching
- Also visualize by exposure to iodine vapor