

## PRODUCT:

# Autophinib

### ALTERNATE NAME:

6-Chloro-*N*-(5-methyl-1*H*-pyrazol-3-yl)-2-(4-nitrophenoxy)-pyrimidinamine

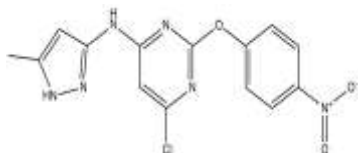
### CATALOG #:

B2260-5,25

### AMOUNT:

5 mg, 25 mg

### STRUCTURE:



### MOLECULAR FORMULA:

C<sub>14</sub>H<sub>11</sub>ClN<sub>6</sub>O<sub>3</sub>

### MOLECULAR WEIGHT:

346.73

### CAS NUMBER:

1644443-47-9

### APPEARANCE:

White solid

### SOLUBILITY:

DMSO (>6 mg/ml)

### PURITY:

≥98% by HPLC

### STORAGE:

Store at -20°C. Protect from air and light

### DESCRIPTION:

Autophinib is a potent autophagy inhibitor. It inhibits autophagy induced by starvation or rapamycin by targeting the lipid kinase VPS34 with IC<sub>50</sub>s of 90, 40 and 19 nM, respectively.

### REFERENCES:

Robke, L., *et al.* (2017). *Angew. Chem. Int. Ed. Engl* **56**, 8153-8157.

### HANDLING:

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

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### RELATED PRODUCTS:

Amiodarone Hydrochloride (Cat. No. 1828-100, 500)

Autophinib (Cat. No. B2260-5,25)

Bafilomycin A1 (Cat. No. 1829-50, 250)

Chloroquine Sulfate (Cat. No. 1825-100, 500)

Hydroxychloroquine sulfate (Cat. No. B2051-10, 50)

Leupeptin Hemisulfate (Cat. No. 1648-25, 50,100)

LY 294002 (Cat. No. 1667-5, 25)

EZSolution™ LY 294002 (Cat. No. 1747-5)

Niclosamide (Cat. No. 1826-100, 500)

Pepstatin A (Cat. No. 1732-25, 100)

Rapamycin (Cat. No. 1568-5, 50)

EZSolution™ Rapamycin (Cat. No. 1746-5)

Rottlerin (Cat. No. 1827-10)

Wortmannin (Cat. No. 1670-1)

### USAGE:

**FOR RESEARCH USE ONLY! Not to be used in humans**