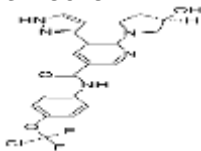


**PRODUCT: ABL-001**

**ALTERNATE NAMES:** (R)-N-(4-(chlorodifluoromethoxy)phenyl)-6-(3-hydroxypyrrolidin-1-yl)-5-(1H-pyrazol-5-yl)nicotinamide; Asciminib

**CATALOG NUMBER:** B1949-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>20</sub>H<sub>18</sub>ClF<sub>2</sub>N<sub>5</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 449.84

**CAS NUMBER:** 1492952-76-7

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** ABL-001 is a potent allosteric inhibitor of BCR-ABL. ABL001 binds to the myristoyl pocket of ABL1 and induces the formation of an inactive kinase conformation. ABL001 prevents emergence of resistant disease when administered in combination with nilotinib in an in vivo murine model of CML (chronic myeloid leukemia).

**REFERENCES:** Wylie, A.W., *et al.* (2017). *Nature* 543, 733-737.

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

**RELATED PRODUCTS:**

A-1210477 (**B1826**)  
A-1331852 (**B1948**)  
ABL-001 (**B1949**)  
ABT-737 (**2463**)  
AT-101 (**2380**)  
BCI-2 Inhibitor GX15-070 (**2040**)  
Gambogic acid (**2785**)  
Mcl-1 Antibody (**3035**)  
Pyridoclast (**B1817**)  
TW-37 (**2789**)  
ABT-263 (**Cat. No. 2467-5, 25**)  
Bcl2 Inhibitor GX15-070 (**Cat. No. 2040-5**)  
Bcl2 Inhibitor ABT-199 (**Cat. No. 2253-1, 5**)  
BH3I-1 (**Cat. No. B1277-5,25**)

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