

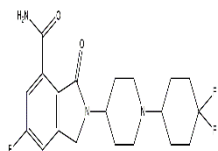
# NMS-P118

**ALTERNATE NAME:** 2-[1-(4,4-difluorocyclohexyl)-4-piperidinyl]-6-fluoro-2,3-dihydro-3-oxo-1H-isoindole-4-carboxamide

**CATALOG #:** B2320-5  
B2320-25

**AMOUNT:** 5 mg  
25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>20</sub>H<sub>24</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 395.42

**CAS NUMBER:** 1262417-51-5

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

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

**SOLUBILITY:** >20 mg/ml (DMSO)

**REFERENCES:** Papeo, G., et al. (2015). J. Med. Chem. 58, 6875-6898.

**DESCRIPTION:** A potent, and selective poly(ADP-ribose) polymerase 1 (PARP1) inhibitor. It is selective for PARP1 (K<sub>d</sub> = 9 nM) over PARP2 (K<sub>d</sub> = 1,390 nM). NMS-P118 displays anticancer activity as single agent, as well as in combination therapies.

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

**RELATED PRODUCTS:**

Iniparib (1968)  
A-966492 (B2174)  
1,5-Isoquinolinediol (2415)  
Olaparib (1952)  
AG-14361 (B2175)  
NU-1025 (2351)  
ABT-888 (1620)  
DPQ (1899)  
BMN-673 (B1861)  
AG-014699 phosphate (2890)  
MK-4827 (9462)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*