

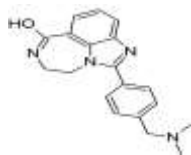
PRODUCT: **AG-14361**

ALTERNATE NAME: 1-(4-((dimethylamino)methyl)phenyl)-8,9-dihydro-2,7,9a-triazabenzoc[cd]azulen-6(7H)-one

CATALOG #: B2175-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₂₀N₄O

MOLECULAR WEIGHT: 320.39

CAS NUMBER: 328543-09-5

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98%

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

DESCRIPTION: AG-14361 is a potent and selective inhibitor of PARP-1 with K_i value of <5 nM in a cell-free assay. AG-14361 sensitizes cells to topoisomerase I poisons by increasing the persistence of DNA strand breaks.

REFERENCES: Smith, L.M., *et al.* (2005). *Clin. Cancer Res.* **11**, 8449-8457.

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

RELATED PRODUCTS:

A-966492 (Cat. No. B2184-5,25)

AG-14361 (Cat. No. B2175-5,25)

ABT-88 (Cat. No. 1620-1,5)

AG-014699 phosphate (Cat. No. 2890-1,5)

DPQ (Cat. No. 1899-1, 5)

EZSolution™ DPQ (Cat. No. 2866-5)

DR2313 (Cat. No. 1771-1, 5)

Iniparib (Cat. No. 1968-5, 25)

1,5-isoquinolinediol (Cat. No. 2415-10, 50)

ME-0328 (Cat. No. 2751-5, 25)

MK-4827 (Cat. No. 9462-5,25)

NU-1025 (Cat. No. 2351-1, 5)

PARP Antibody (clone 10H) (Cat. No. 3000-100)

PARP Antibody (Cat. No. 3001-100)

PARP Antibody (Cat. No. 3002-100)

PARP Blocking peptide (Cat. No. 3002BP-50)

PARP Antibody (Clone 7A10)(Cat. No. 3023-100)

PARP (cleaved) Antibody (Cat. No. 3140-100)

PARP (cleaved) Antibody (Cat. No. 3141-100)

PARP (cleaved) Antibody (Cat. No. 3142-100)

PARP-1, human recombinant (Cat. No. 4992-50)

PJ-34 hydrochloride (Cat. No. 2319-1, 5)

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