

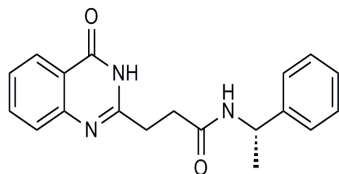
Product: ME-0328

ALTERNATE NAME: 3,4-Dihydro-4-oxo-3,4-Dihydro-4-oxo-N-[(1S)-1-phenylethyl]-2-quinazolinepropanamide

CATALOG #: 2751-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₁₉N₃O₂

MOLECULAR WEIGHT: 321.37

CAS NUMBER: 1445251-22-8

APPEARANCE: White solid

SOLUBILITY: DMSO (~30 mg/ml) or EtOH (~4 mg/ml)

PURITY: ≥98% by TLC

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

DESCRIPTION: ME-0328 is a potent and selective PARP-3 inhibitor (IC₅₀ = 0.89 μM). ME-0328 inhibits PARP-1, PARP-2 and other ARDTs (ADP ribosyltransferases) at much higher concentrations (IC₅₀ = 6.3, 10.8 and >30 μM, respectively).

REFERENCE: Lindgren, A.E., *et al.* (2013). *ACS Chem, Biol.* **8**, 1698-1703.

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

RELATED PRODUCTS:

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

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

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

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

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

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)

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