



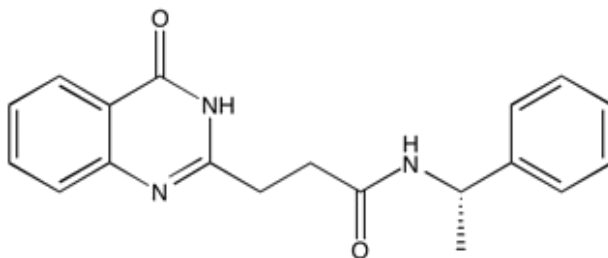
Catalog # 10-1484

ME-0328

CAS# 1445251-22-8

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

Lot # S101153



A potent and selective PARP3 inhibitor ($IC_{50}=0.89 \mu M$). Selective over PARP-1, PARP-2 and other ARDT enzymes ($IC_{50}=6.3, 10.8$ and $>30 \mu M$ respectively)

- 1) Lindgren *et al.* (2013), *PARP Inhibitor with Selectivity Toward ADP-Ribosyltransferase ART3/PARP3*; ACS Chem. Biol., **8** 1689

PHYSICAL DATA

Molecular Weight:	321.38
Molecular Formula:	$C_{19}H_{19}N_3O_2$
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 30 mg/ml) or Ethanol (up to 4 mg/ml with warming)
Physical Description:	White solid
Storage and Stability:	Store as supplied desiccated at room temperature for up to 1 year from the date of purchase. Solutions in DMSO or ethanol may be stored at $-20^{\circ}C$ for up to 3 months.

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