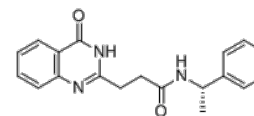


Product Name : ME0328
Cat. No. : PC-35508
CAS No. : 1445251-22-8
Molecular Formula : C₁₉H₁₉N₃O₂
Molecular Weight : 321.38
Target : PARP
Solubility :



Biological Activity

ME0328 (ME-0328) is a potent, selective inhibitor of ADP-ribosyltransferase **ARTD3/PARP3** with IC₅₀ of 0.89 μM; displays selectivity for PARP-3 over PARP-1, PARP-2 and other ARDT enzymes (IC₅₀=6.3, 10.8 and >30 μM respectively); potentiates vinorelbine sensitization in breast cancer cell lines at the G₂/M boundary, also potentiates vinorelbine-induced PARP3 inhibition, mitotic arrest, and apoptosis.

References

Lindgren AE, et al. *ACS Chem Biol.* 2013 Aug 16;8(8):1698-703.

Sharif-Askari B, et al. *Breast Cancer Res Treat.* 2018 Jul 23. doi: 10.1007/s10549-018-4888-6.

Wang H, et al. *Cancer Lett.* 2017 Jan 28;385:137-143.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com