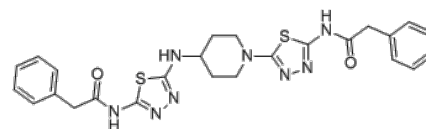


Product Name : UPGL00004
Cat. No. : PC-35093
CAS No. : 1890169-95-5
Molecular Formula : C₂₅H₂₆N₈O₂S₂
Molecular Weight : 534.657
Target : Glutaminase
Solubility : 10 mM in DMSO



Biological Activity

UPGL00004 (UPGL 00004) is a potent, allosteric inhibitor of **glutaminase C (GAC)** with IC₅₀ of 29 nM. UPGL00004 inhibits breast cancer cell growth alone (MDA-MB-231) with IC₅₀ of 70 nM, as well as tumor growth when combined with the anti-vascular endothelial growth factor antibody bevacizumab.

References

- Huang Q, et al. *J Biol Chem*. 2018 Mar 9;293(10):3535-3545.
McDermott LA, et al. *Bioorg Med Chem*. 2016 Apr 15;24(8):1819-39.

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

E-mail: tech@probechem.com