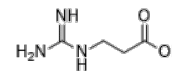


**Product Name** : RGX-202  
**Cat. No.** : PC-25445  
**CAS No.** : 353-09-3  
**Molecular Formula** : C<sub>4</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 131.14  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

RGX-202 (RGX202, Ompenacilid, β-guanidinopropionic acid) is an oral small-molecule creatine mimetic inhibitor of creatine transporter SLC6A8, inhibits cellular creatine import and suppresses intracellular phosphocreatine, creatine, and ATP levels, exhibits broad antitumor activity against diverse primary and metastatic CRCs.

RGX-202 induces apoptosis and inhibits tumor cell proliferation. inhibits growth of KRAS mutant and wild-type CRC PDXs.

RGX-202 synergizes with 5-FU and leflunomide.

RGX-202 exerts potent antitumor activity alone and in combination with lenvatinib in patient-derived xenografts and primary HCC mouse models.

### References

Kurth I, et al. Sci Adv. 2021 Oct 8;7(41):eabi7511.

Li RZ, et al. Cancer Res. 2025 Jul 31. doi: 10.1158/0008-5472.CAN-25-0301.

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

E-mail: tech@probechem.com