

---

<b>Product Name</b>	: GO-203	RRRRRRRRRCQCRKN TFA salt
<b>Cat. No.</b>	: PC-20790	
<b>CAS No.</b>	: 1222186-26-6	
<b>Molecular Formula</b>	: C <sub>89</sub> H <sub>171</sub> F <sub>3</sub> N <sub>52</sub> O <sub>21</sub> S <sub>2</sub>	
<b>Molecular Weight</b>	: 2426.77	
<b>Target</b>	: Other Targets	
<b>Solubility</b>	: 10 mM in DMSO	

## Biological Activity

GO-203 (GO203) is a cell-penetrating peptide inhibitor of mucin-1-cytoplasmic C-terminal subunit (MUC1-C), blocks homodimerization of the MUC1-C subunit required for nuclear translocation and downstream signaling.

GO-203 downregulates PI3K-Akt signaling and inhibits NSCLC cell growth.

GO-203 treatment of H1975 (EGFR L858R/T790M) and A549 (K-Ras G12S) xenografts growing in nude mice resulted in tumor regressions.

GO-203 is synergistic with cytotoxic agents in the treatment of breast cancer cells.

## References

Hasegawa M, et al. Clin Cancer Res. 2015 May 15;21(10):2338-47.

Yin L, et al. Blood. 2014 May 8;123(19):2997-3006.

Raina D, et al. Mol Cancer Ther. 2011 May;10(5):806-16.

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

E-mail: tech@probechem.com

---