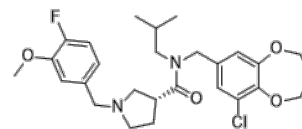


**Product Name** : PKRA7  
**Cat. No.** : PC-23950  
**CAS No.** : 1233926-87-8  
**Molecular Formula** : C<sub>27</sub>H<sub>34</sub>ClFN<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** : 505.03  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



CAS: 1233926-87-8

## Biological Activity

PKRA7 (PKRA83) is a potent polypeptide chemokine PK2 (Bv8, PROK2) antagonist, potently inhibit PK2 receptors with IC<sub>50</sub> of 5.0 and 8.2 nM for PKR1 and PKR2, respectively.

PKRA7 blocks endothelial cell branching, myeloid cell migration, and PK2-induced expression of specific chemokine/chemokine receptors.

PKRA7 decreases subcutaneous and intracranial glioblastoma xenograft tumor growth.

PKRA7 enhances the efficacy of chemotherapeutic drugs to reduce glioblastoma and pancreatic xenograft tumor growth.

## References

Valerie F Curtis, et al. PLoS One. 2013;8(1):e54916.

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

E-mail: tech@probechem.com