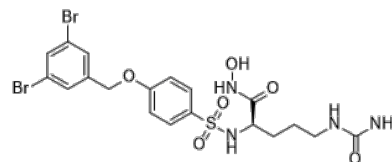


**Product Name** : JG26  
**Cat. No.** : PC-25877  
**CAS No.** : 1464910-32-4  
**Molecular Formula** :  $\text{C}_{19}\text{H}_{22}\text{Br}_2\text{N}_4\text{O}_6\text{S}$   
**Molecular Weight** : 594.28  
**Target** : Matrix Metalloproteinase (MMP)  
**Solubility** : 10 mM in DMSO



## Biological Activity

JG26 is a potent, selective ADAM17 inhibitor with IC<sub>50</sub> of 1.9 nM, weakly inhibits ADAM-10 and MMP-2 (IC<sub>50</sub>=150 and 240 nM), does not inhibit MMP-1/9/14.

JG26 shows good inhibitory properties on sALCAM shedding in several in vitro assays.

JG26 potently inhibits ADAM8 with IC<sub>50</sub> of 12 nM.

JG26 inhibits both ACE2 receptor shedding and SARS-CoV-2 infection.

## References

Cuffaro D, et al. ACS Med Chem Lett. 2021 Oct 8;12(11):1787-1793.

Gentili V, et al. Pharmacol Rep. 2025 Feb;77(1):260-273.

Nuti E, et al. J Med Chem. 2013 Oct 24;56(20):8089-103.

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

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