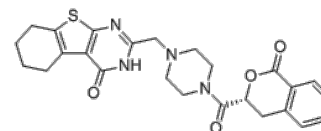


**Product Name** : LEM-14  
**Cat. No.** : PC-35849  
**CAS No.** : 1814881-70-3  
**Molecular Formula** : C<sub>25</sub>H<sub>26</sub>N<sub>4</sub>O<sub>4</sub>S  
**Molecular Weight** : 478.567  
**Target** : Histone Methyltransferase (HMTase)  
**Solubility** : 10 mM in DMSO



### Biological Activity

LEM-14 is a specific inhibitor of histone lysine methyltransferase **NSD2** (MMSET/WHSC1) with in vitro IC<sub>50</sub> of 132  $\mu$ M, and that is inactive against the closely related NSD1 and NSD3.

### References

Shen Y, et al. *Biochem Biophys Res Commun.* 2018 Nov 21. pii: S0006-291X(18)32443-4.

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

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