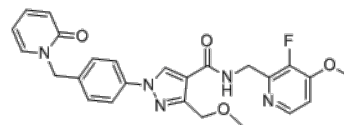


**Product Name** : KVD900  
**Cat. No.** : PC-73138  
**CAS No.** : 1933514-13-6  
**Molecular Formula** : C<sub>25</sub>H<sub>24</sub>FN<sub>5</sub>O<sub>4</sub>  
**Molecular Weight** : 477.496  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO (4.8 mg/mL)



### Biological Activity

Sebetralstat (KVD900) is a potent, selective, competitive and reversible inhibitor of human **plasma kallikrein (PKa)** enzyme with K<sub>i</sub> of 3.02 nM.

Sebetralstat (KVD900) inhibits dextran sulphate (DXS)-stimulated PKa enzyme activity and HK cleavage and reduced plasma prekallikrein and Factor XII activation in plasma.

Sebetralstat (KVD900) is a fast-acting oral PKa inhibitor that rapidly inhibits PKa activity, kallikrein kinin system activation and kininogen (HK) cleavage in plasma. shows a potential on-demand treatment for hereditary angioedema (HAE).

### References

Duckworth EJ, et al. *Clin Exp Allergy*. 2022 Mar 12. doi: 10.1111/cea.14122.

Maetzel A, et al. *J Allergy Clin Immunol*. 2022 Jan 20:S0091-6749(21)02666-X.

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

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