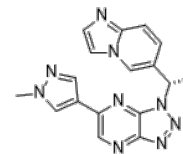


**Product Name** : Savolitinib  
**Cat. No.** : PC-23815  
**CAS No.** : 1313725-88-0  
**Molecular Formula** : C<sub>17</sub>H<sub>15</sub>N<sub>9</sub>  
**Molecular Weight** : 345.37  
**Target** : c-Met (HGFR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Savolitinib (Volitinib, HMPL-504, AZD-6094) is a highly potent and selective c-Met inhibitor with enzyme IC<sub>50</sub> of 5 nM and cell p-Met IC<sub>50</sub> of 3 nM, exhibits potent proliferation inhibition in NCI-H441 cell line with IC<sub>50</sub> of 6 nM.

Savolitinib (Volitinib) displayed a highly selective profile across a gastric cell line panel, potently inhibiting cell growth only in those lines with dysregulated cMET (EC<sub>50</sub> values 0.6 nM/L-12.5 nM/L).

Savolitinib (Volitinib) demonstrated favorable pharmacokinetic properties in mice and good antitumor activities in the human glioma xenograft model in athymic nude mice.

## References

Jia H, et al. J Med Chem. 2014 Sep 25;57(18):7577-89.

Gavine PR, et al. Mol Oncol. 2015 Jan;9(1):323-33.

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

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