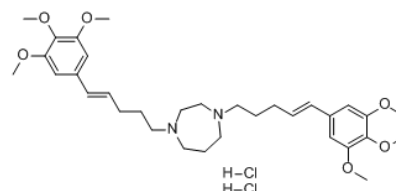


<b>Product Name</b>	: K-7174 dihydrochloride
<b>Cat. No.</b>	: PC-43169
<b>CAS No.</b>	: 191089-60-8
<b>Molecular Formula</b>	: $C_{33}H_{50}Cl_2N_2O_6$
<b>Molecular Weight</b>	: 641.6659
<b>Target</b>	: GATA Binding Protein
<b>Solubility</b>	: H2O: 15 mg/mL



## Biological Activity

A selective small molecule inhibitor of the transcription factor GATA-binding protein 2 (GATA2); suppresses the expression of AR, including ARVs, in 22Rv1 cells, exerts potent anticancer activity against GATA2+/AR+ PC cell lines in vitro; induces transcriptional repression of class I histone deacetylases (HDAC1, -2, and -3) via caspase-8-dependent degradation of Sp1; significantly decreases HAMP expression, also upregulates CEBPB.

## References

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Kikuchi J, et al. J Biol Chem. 2013 Aug 30;288(35):25593-602.

Fujiwara T, et al. PLoS One. 2013 Sep 27;8(9):e75568.

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

E-mail: [tech@probechem.com](mailto:tech@probechem.com)