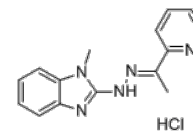


**Product Name** : SI-2 hydrochloride  
**Cat. No.** : PC-70314  
**CAS No.** : 1992052-49-9  
**Molecular Formula** : C<sub>15</sub>H<sub>15</sub>N<sub>5</sub>.HCl  
**Molecular Weight** : 301.78  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

SI-2 (EPH116) hydrochloride is a potent small-molecule inhibitor of steroid receptor coactivator-3 (**SRC-3** or AIB1) that can selectively inhibit the intrinsic transcriptional activities of SRC-3, also inhibits SRC-1 and SRC-2.

SI-2 (EPH116) selectively reduces cellular protein levels of SRC-3, but not that of CARM-1.

SI-2 (EPH116) blocks MDA-MB-468 cell growth with an IC<sub>50</sub> value of 3.4 nM, but spares normal cells; significantly inhibit primary tumor growth and reduce SRC-3 protein levels in a breast cancer mouse model.

SI-2 (EPH116) is a "first-in-class" compound that targets oncogenic coactivator.

## References

Song X, et al. *Proc Natl Acad Sci U S A*. 2016 May 3;113(18):4970-5.

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

E-mail: tech@probechem.com