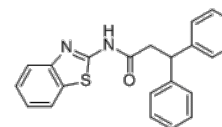


**Product Name** : IGS-1.76  
**Cat. No.** : PC-35410  
**CAS No.** : 313480-47-6  
**Molecular Formula** : C<sub>22</sub>H<sub>18</sub>N<sub>2</sub>OS  
**Molecular Weight** : 358.459  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

IGS-1.76 is a small molecule inhibitor of human **NCS-1/Ric8a** interaction with affinity of 1.25  $\mu$ M (hNCS-1). IGS-1.76 demonstrates improved binding potency over the phenothiazine FD44, decreasing the abnormally high synapse number and enhancing associative learning in a FXS animal model.

## References

Roca C, et al. *J Med Chem.* 2018 Jul 17. doi: 10.1021/acs.jmedchem.8b00088.

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

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