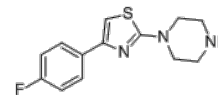


**Product Name** : ZINC000006658090  
**Cat. No.** : PC-20765  
**CAS No.** : 887625-25-4  
**Molecular Formula** : C<sub>13</sub>H<sub>14</sub>FN<sub>3</sub>S  
**Molecular Weight** : 263.33  
**Target** : Monoamine Transporter  
**Solubility** : 10 mM in DMSO



CAS: 887625-25-4

## Biological Activity

ZINC000006658090 (Compound 8090) is a highly potent, selective and non-competitive inhibitor of serotonin transporter (SERT) with  $K_i$  of 14 nM.

ZINC000006658090 (Compound 8090) does not preferentially stabilize an open cytoplasmic pathway but like ibogaine and unlike classic SSRIs they decrease the accessibility of the extracellular pathway.

ZINC000006658090 (Compound 8090) is to close the extracellular pathway, with little or no effect on the cytoplasmic pathway.

ZINC000006658090 (Compound 8090) is selective versus NET, DAT, and ~300 GPCR targets.

ZINC000006658090 (Compound 8090) (10 mg/kg) chronically injected in mice produced an anti-anxiolytic-like effect in the plus-maze test.

## References

Isha Singh, et al. Cell. 2023 Apr 28;S0092-8674(23)00406-3.

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

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