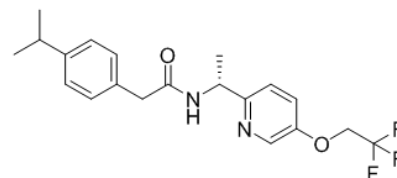


**Product Name** : MK-8998  
**Cat. No.** : PC-42314  
**CAS No.** : 953778-58-0  
**Molecular Formula** : C<sub>20</sub>H<sub>23</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 380.4040296  
**Target** : Calcium Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

MK-8998 (Suvecaltamide, CX-8998) is a potent and selective antagonist of the **T-type calcium channel** for the treatment of schizophrenia.

MK-8998 does not block D<sub>2</sub>, 5HT<sub>2a</sub>, muscarinic, or histaminic receptors.

MK-8998 has the potential for a substantially improved side effect profile compared with currently available atypical antipsychotics.

## References

Egan MF, et al. *Hum Psychopharmacol*. 2013 Mar;28(2):124-33.

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

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