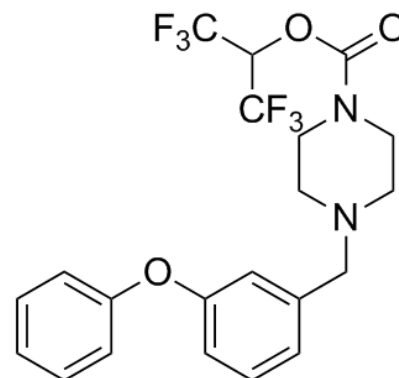


**Product Name** : JW 642  
**Cat. No.** : PC-42980  
**CAS No.** : 1416133-89-5  
**Molecular Formula** : C<sub>21</sub>H<sub>20</sub>F<sub>6</sub>N<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 462.3855  
**Target** : Monoacylglycerol Lipase (MAGL)  
**Solubility** : 10 mM in DMSO



## Biological Activity

JW 642 (JW642) is a potent, selective monoacylglycerol lipase (**MAGL**) inhibitor with IC<sub>50</sub> of 7.6, 14 and 3.7 nM for mouse, rat and human MAGL, respectively.

JW 642 display little to no activity against human FAAH (IC<sub>50</sub>>20 uM).

## References

Chang JW, et al. Chem Biol. 2012 May 25;19(5):579-88.

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

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