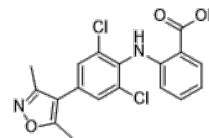


**Product Name** : FTO inhibitor FB23  
**Cat. No.** : PC-22847  
**CAS No.** : 2243736-35-6  
**Molecular Formula** : C<sub>18</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 377.22  
**Target** : Histone Demethylase  
**Solubility** : 10 mM in DMSO



### Biological Activity

FTO inhibitor FB23 is a potent and selective **FTO demethylase** inhibitor with IC<sub>50</sub> of 60 nM, directly binds to FTO and selectively inhibits FTO's mRNA N6-methyladenosine (m6A) demethylase activity.

### References

Yue Huang, et al. **Cancer Cell**. 2019 Apr 15;35(4):677-691.e10.

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

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