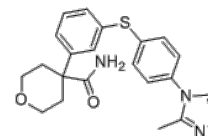


**Product Name** : CJ-13610  
**Cat. No.** : PC-62454  
**CAS No.** : 179420-17-8  
**Molecular Formula** : C<sub>22</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub>S  
**Molecular Weight** : 393.505  
**Target** : Lipoxygenase  
**Solubility** : 10 mM in DMSO



## Biological Activity

CJ-13610 is a potent **5-Lipoxygenase** (5-LO) inhibitor that suppresses 5-LO product formation with IC<sub>50</sub> of 70 nM.

CJ-13610 demonstrates antihyperalgesic activity in inflammatory pain models including the acute carrageenan model and the chronic inflammatory model.

## References

Fischer L, et al. *Br J Pharmacol.* 2004 Jul;142(5):861-8.

Cortes-Burgos LA, et al. *Eur J Pharmacol.* 2009 Sep 1;617(1-3):59-67.

von Knethen A, et al. *Cell Signal.* 2013 Dec;25(12):2762-8.

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

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