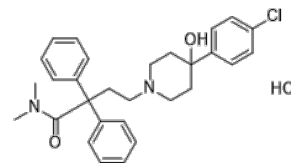


**Product Name** : Loperamide hydrochloride  
**Cat. No.** : PC-23788  
**CAS No.** : 34552-83-5  
**Molecular Formula** : C<sub>29</sub>H<sub>34</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 513.50  
**Target** : Opioid Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Loperamide hydrochloride (R-18553) is a potent, selective mu-opioid receptor (MOR) agonist, also is a selective and competitive human intestinal carboxylesterases (hiCE) inhibitor, shows anti-diarrheal effect.

## References

Hanauer, S.B. Rev Gastroenterol Disord, 2008. 8(1): p. 15-20.

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

E-mail: tech@probechem.com