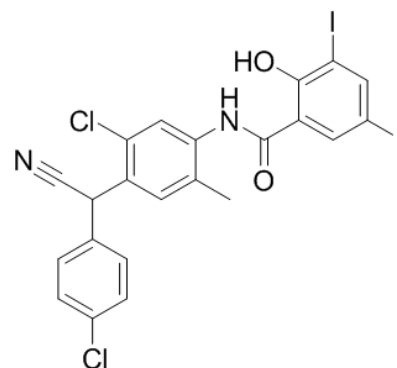


**Product Name** : Closantel  
**Cat. No.** : PC-45380  
**CAS No.** : 57808-65-8  
**Molecular Formula** : C<sub>22</sub>H<sub>14</sub>Cl<sub>2</sub>I<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 663.0737  
**Target** : Parasite  
**Solubility** : DMSO: ≥ 49 mg/mL



## Biological Activity

A veterinary anthelmintic with known proton ionophore activities; is identified as a potent and specific inhibitor of filarial chitinases; also shows to be an allosteric inhibitor of SPAK and OSR1.

Parasite Infection

Approved

## References

AlAmri MA, et al. ChemMedChem. 2017 May 9;12(9):639-645.

Gloeckner C, et al. Proc Natl Acad Sci U S A. 2010 Feb 23;107(8):3424-9.

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

E-mail: tech@probechem.com