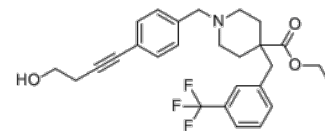


**Product Name** : Soporidine  
**Cat. No.** : PC-38540  
**CAS No.** : 1060376-43-3  
**Molecular Formula** : C<sub>27</sub>H<sub>30</sub>F<sub>3</sub>NO<sub>3</sub>  
**Molecular Weight** : 473.536  
**Target** : Parasite  
**Solubility** : 10 mM in DMSO



## Biological Activity

Soporidine is a small-molecule antagonist of germination of the parasitic plant *Striga hermonthica*, specifically inhibits *S. hermonthica* strigolactone receptor and inhibits the parasite germination, disrupting the *Striga* lifecycle.

## References

Duncan Holbrook-Smith, et al. Nat Chem Biol. 2016 Sep;12(9):724-9.

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

E-mail: tech@probechem.com