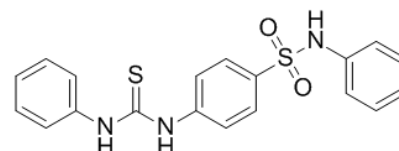


**Product Name** : LED-209  
**Cat. No.** : PC-45703  
**CAS No.** : 245342-14-7  
**Molecular Formula** : C<sub>19</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>S<sub>2</sub>  
**Molecular Weight** : 383.4872  
**Target** : Bacterial  
**Solubility** : DMSO: < 3.8 mg/mL



## Biological Activity

LED-209 is a bacterial conserved membrane histidine sensor kinase QseC inhibitor; prevents autophosphorylation and inhibits QseC-mediated activation of virulence gene expression; inhibits the virulence of several pathogens in vitro and in vivo in animals.

## References

Rasko DA, et al. Science. 2008 Aug 22;321(5892):1078-80.

Spencer H, et al. J Bacteriol. 2010 Feb;192(3):714-24.

Xue XY, et al. Nanomedicine. 2015 Feb;11(2):329-39.

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

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