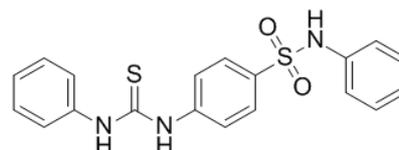


Product Name : LED209
Cat. No. : PC-45703
CAS No. : 245342-14-7
Molecular Formula : C₁₉H₁₇N₃O₂S₂
Molecular Weight : 383.4872
Target : Bacterial
Solubility : DMSO: < 3.8 mg/mL



Biological Activity

LED209 is a bacterial conserved membrane histidine sensor kinase **QseC** inhibitor. LED209 prevents autophosphorylation and inhibits QseC-mediated activation of virulence gene expression. LED209 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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