

Product Name : LED-209

Synonyms : LED 209;LED209

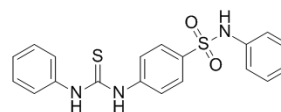
Cat No. : M13713

CAS Number : 245342-14-7

Molecular Formula : C₁₉H₁₇N₃O₂S₂

Formula Weight : 383.49

Chemical Name : Benzenesulfonamide, N-phenyl-4-[[[(phenylamino)thioxomethyl]amino]-



Description : 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.

Pathway : GPCR/G Protein

Target : Antibacterial

Receptor : QseC

Solubility : DMSO: < 3.8 mg/mL

SMILES : S=C(NC1=CC=C(S(=O)(NC2=CC=CC=C2)=O)C=C1)NC3=CC=CC=C3

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Rasko DA, et al. Science. 2008 Aug 22;321(5892):1078-80. | 2. Spencer H, et al. J Bacteriol. 2010 Feb;192(3):714-24. | 3. Xue XY, et al. Nanomedicine. 2015 Feb;11(2):329-39.