

**Product Name** : CCG 102487

**Synonyms** : CCG102487

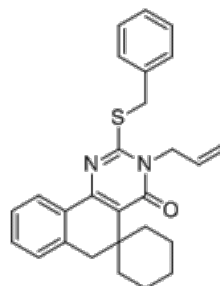
**Cat No.** : M14206

**CAS Number** : 353787-50-5

**Molecular Formula** : C<sub>27</sub>H<sub>28</sub>N<sub>2</sub>O<sub>2</sub>S

**Formula Weight** : 428.59

**Chemical Name** : 2-benzylsulfanyl-3-prop-2-enylspiro[6H-benzo[h]quinazoline-5,1'-cyclohexane]-4-one



**Description** : CCG 102487 is a CCG-2979 analog that reduces streptokinase (SK) activity with little inhibition of group A streptococcal (GAS) growth; alters the transcript level for key GAS virulence genes, including multiple adhesins (fibronectin binding proteins, collagen-like surface protein, laminin-binding surface protein, and M protein), cytolytic toxins (streptolysins O and S), secreted extracellular proteases (Mac, C5a peptidase, and SpeB), streptodornase Sda1 (DNase), complement inhibitor protein, and streptokinase.

**Pathway** : GPCR/G Protein

**Target** : Antibacterial

**Receptor** : Antibacterial

**Solubility** : —

**SMILES** : C=CCN1C(=O)C2=C(C3=CC=CC=C3CC24CCCCC4)N=C1SCC5=CC=CC=C5

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Sun H, et al. Proc Natl Acad Sci U S A. 2012 Feb 28;109(9):3469-74.