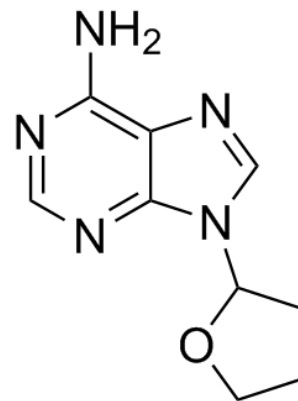


**Product Name** : SQ-22536  
**Cat. No.** : PC-42132  
**CAS No.** : 17318-31-9  
**Molecular Formula** : C<sub>9</sub>H<sub>11</sub>N<sub>5</sub>O  
**Molecular Weight** : 205.2165  
**Target** : Adenylate Cyclase  
**Solubility** : DMSO: ≥ 29 mg/mL



### Biological Activity

SQ-22536 is a potent, non-competitive **Adenylyl Cyclase** inhibitor with IC<sub>50</sub> of 1.4 μM.

SQ-22536 abolishes the iloprost-induced elevation in cyclic AMP while having no significant effect on relaxation in isolated guinea-pig aorta.

### References

Fabbri E, et al. J Enzyme Inhib. 1991;5(2):87-98.

Hourani SM, et al. Br J Pharmacol. 2001 Jul;133(6):833-40.

Turcato S, et al. Br J Pharmacol. 1999 Feb;126(4):845-7.

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

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