Product Name: AC1903
Catalog Number: T8528
CAS Number: 831234-13-0
Molecular Formula: C19H17N3O
Molecular Weight: 303.36

Description: AC1903 is a specific inhibitor of TRPC5 channel, and has been shown to suppress severe proteinuria and prevent podocyte loss.

Storage: 2 years -80°C in solvent; 3 years -20°C powder;

<table>
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<tr>
<th>Receptor (IC50)</th>
<th>TRPC5</th>
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In vivo Activity
AC1903, that specifically blocks TRPC5 channel activity in glomeruli of proteinuric rats. Chronic administration of AC1903 suppressed severe proteinuria and prevented podocyte loss in a transgenic rat model of FSGS. AC1903 also provided therapeutic benefit in a rat model of hypertensive proteinuric kidney disease. TRPC5 activity drives disease and that TRPC5 inhibitors may be valuable for the treatment of progressive kidney diseases[1].

Animal Experiment
Animal Model:

Reference

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Information for product storage and handling is indicated on the product datasheet. Targetmol products are stable for long term under the recommended storage conditions. Our products may be shipped under different conditions as many of them are stable in the short-term at higher or even room temperatures. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, please follow the storage recommendations on the product data sheet.