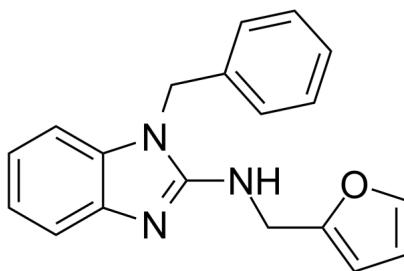


Data Sheet

Product Information

| | |
|------------------|--|
| Catalog Number | BP15917 |
| Product Name | AC1903 |
| Description | AC1903 is a specific inhibitor of TRPC5 channel, and has been shown to suppress severe proteinuria and prevent podocyte loss. |
| Targets&IC50 | TRPC5 current IN HEK-293 cells:14.7 μ M (IC50) |
| In vivo | 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. |
| CAS No. | 831234-13-0 |
| Chemical Formula | C19H17N3O |
| Molecular Weight | 303.365 |
| Solubility | DMSO: 10 mM |
| Storage | Powder: -20°C for 2 years In solvent: -80°C for 1 year |

Chemical Structure
OR
Tested Image



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