

---

## NS-6180

产品编号: D51064

CAS: 353262-04-1

分子式: C<sub>16</sub>H<sub>12</sub>F<sub>3</sub>NOS

纯度: ≥98%

InChi: InChi=1S/C<sub>16</sub>H<sub>12</sub>F<sub>3</sub>NOS/c17-16(18,19)12-5-3-4-11(8-12)9-20-13-6-1-2-7-14(13)22-10-15(20)2  
1/h1-8H,9-10H2

InChi Key: ZUIJXKLTUFCDGO-UHFFFAOYSA-N

Smiles: O=C1CSC2C=CC=CC=2N1CC1C=CC=C(C=1)C(F)(F)F

外观: 固体粉末

作用通路: Potassium Channel

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: NS6-180 is a potent KCa<sub>3.1</sub> channel blocker (IC<sub>50</sub> values are 9, 14 and 15 nM for rat, human and mouse erythrocyte KCa<sub>3.1</sub> channels respectively). NS6180 prevents T-cell activation and inflammation in a rat model of inflammatory bowel disease. NS6180 shows ~ 50% inhibition of KCa<sub>1.1</sub>, KV1.3, and KV11.1 channels, NS6180 represents a novel class of K(Ca) 3.1 channel inhibitors which inhibited experimental colitis, suggesting K(Ca) 3.1 channels as targets for pharmacological control of intestinal inflammation.