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## TGR5 Receptor Agonist

产品编号: D61197

CAS: 1197300-24-5

分子式: C<sub>18</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>

纯度: 99%

InChi Key: InChIKey=IGRCWJPBLWGNPX-UHFFFAOYSA-N

Smiles: CN(C(=O)c1c(C)onc1c1ccccc1Cl)c1ccc(Cl)cc1

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: GPCR19

溶解性: Soluble in DMSO、Ethanol

保存条件: -20°C

产品介绍: TGR5 Receptor Agonist (CCDC), a potent Takeda G protein-coupled receptor 5 (TGR5; GPCR19) agonist, shows improved potency in the U2-OS cells and melanophore cells with pEC<sub>50</sub>s of 6.8 and 7.5, respectively. TGR5 Receptor Agonist can induce peripheral and central hypersensitivity to bladder distension in mice, and increase intracellular Ca<sup>2+</sup> concentration. TGR5 Receptor Agonist can also reduces food intake and improves insulin responsiveness, in diet-induced obese mice. TGR5 Receptor Agonist can be used to research diabetes, bladder hypersensitivity and anti-obesity.