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## 5-BDBD

产品编号: D55891

CAS: 768404-03-1

分子式: C<sub>17</sub>H<sub>11</sub>BrN<sub>2</sub>O<sub>2</sub>

纯度: 99.74%

InChi Key: InChIKey=NKYMVQPXXTZHSF-UHFFFAOYSA-N

Smiles: BrC1=CC(C2=NCC(NC3=C2OC4=CC=CC=C34)=O)=CC=C1

外观: 固体粉末

作用通路: Membrane Transporter/Ion Channel; Neuroscience

作用靶点: P2X Receptor

溶解性: DMSO : 60 mg/mL (168.92 mM; ultrasonic and warming and heat to 60°C)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: 5-BDBD is a potent and selective P2X<sub>4</sub> receptor antagonist. 5-BDBD inhibits rP2X<sub>4</sub>R-mediated currents with an IC<sub>50</sub> of 0.75 μM. 5-BDBD completely blocked the basal and acute hyperalgesia induced by NTG.