

---

## CFTR Inhibitor II(GlyH101)

产品编号: D51057

CAS: 328541-79-3

分子式: C<sub>19</sub>H<sub>15</sub>Br<sub>2</sub>N<sub>3</sub>O<sub>3</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>19</sub>H<sub>15</sub>Br<sub>2</sub>N<sub>3</sub>O<sub>3</sub>/c20-15-8-13(18(26)17(21)19(15)27)9-23-24-16(25)10-22-14-6-5-11-3-1-2-4-12(11)7-14/h1-9,22,26-27H,10H<sub>2</sub>, (H,24,25)/b23-9+

InChi Key: RMBDLOATEPYBSI-NUGSKGIGSA-N

Smiles: OC1=C(/C=N/NC(=O)CNC2C=CC3=CC=CC=C3C=2)C=C(Br)C(O)=C1Br

外观: 固体粉末

作用通路: Autophagy

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: CFTR Inhibitor II is a CFTR inhibitor (cystic fibrosis transmembrane conductance regulator). CFTR Inhibitor II is a glycine hydrazide that has been shown to block CFTR channels. CFTR Inhibitor II blocked I(Cl.PKA) in a concentration- and voltage-dependent fashion (IC<sub>50</sub>) at +100 mV=0.3 ± 1.5 μM and at -100 mV=5.1 ± 1.3 μM). CFTR Inhibitor II blocks the open pore of cardiac CFTR channels at an electrical distance of 0.15 ± 0.03 from the external membrane surface.