

GlyH-101

Catalog No: tcsc2098



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

328541-79-3

Formula:

$C_{19}H_{15}Br_2N_3O_3$

Pathway:

Membrane Transporter/Ion Channel

Target:

CFTR

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 58 mg/mL (117.61 mM)

Observed Molecular Weight:

493.15

Product Description

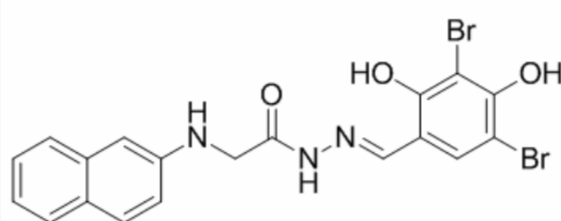
GlyH-101 is a cell-permeable glycinyI hydrazone compound that blocks CFTR with K_i of 1.4 μ M.

IC50 value: 1.4 μ M (K_i , at +60 mV) [1]

Target: CFTR

in vitro: GlyH-101 reversibly inhibited CFTR Cl⁻ conductance in

in vivo: Topical GlyH-101 (10 microM) in mice rapidly and reversibly inhibited forskolin-induced hyperpolarization in nasal potential differences. In a closed-loop model of cholera, intraluminal GlyH-101 (2.5 microg) reduced by approximately 80% cholera toxin-induced intestinal fluid secretion [1].



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