

PRODUCT: CFTR Inhibitor II, GlyH-101**RELATED PRODUCTS:**

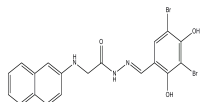
CFTR Inhibitor-172 (Cat. No. 2487-1,5)

VX-809 (Cat. No. 2857-5, 25)

ALTERNATE NAME: 2-[(3,5-dibromo-2,4-dihydroxyphenyl)methylene]hydrazide N-2-naphthalenyl-glycine; GlyH-101; Cystic Fibrosis Transmembrane Conductance Regulator Inhibitor II

CATALOG #: 2863-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₉H₁₅Br₂N₃O₃

MOLECULAR WEIGHT: 493.15

CAS NUMBER: 328541-79-3

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (>100 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: CFTR Inhibitor II, or GlyH-101, is a glycine hydrazide that selectively and reversibly blocks the CFTR channel (K_i = 4.3 μM). GlyH-101 binds to a site at the external pore of CFTR, occluding the pore and rapidly preventing chloride transport.

REFERENCES: Sonawane, N.D., *et al.* (2006). *FASEB J.* **20**, 130-132.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**