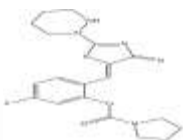


**PRODUCT: CLP-290****ALTERNATE NAME:** [5-Fluoro-2-[(Z)-(2-hexahydropyridazin-1-yl-4-oxo-thiazol-5-ylidene)methyl]phenyl] pyrrolidine-1-carboxylate**CATALOG #:** B1282-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>19</sub>H<sub>21</sub>FN<sub>4</sub>O<sub>3</sub>S**MOLECULAR WEIGHT:** 404.46**CAS NUMBER:** 1181083-81-7**APPEARANCE:** Pale yellow solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** CLP-290 is a novel KCC2 (K(+)-Cl(-) cotransporter isoform 2) modulator and prodrug of CLP-257, that is highly selective for KCC2 over related Cl- transporters.**REFERENCES:** Hamidi, S., and Avoli, M. (2015). *Neurobiol. Dis.* **79**, 51-58.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**  
CFTR Inhibitor-172 (**2487**)  
KM-11060 (**B1076**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**