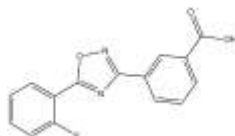


PRODUCT: PTC-124**ALTERNATE NAME:** 3-[5-(2-fluorophenyl)-1,2,4-oxadiazol-3-yl]-benzoic acid;
Ataluren**CATALOG #:** 9421-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₅H₉FN₂O₃**MOLECULAR WEIGHT:** 284.24**CAS NUMBER:** 775304-57-9**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~50 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** PTC-124 has been reported to help the ribosome skip over the premature stop, restore production of functional protein, and thereby potentially treat these genetic diseases. In a mouse model of cystic fibrosis caused by nonsense mutations, PTC-124 treatment has been shown to restore cystic fibrosis transmembrane conductance regulator (CFTR) protein expression and function.**REFERENCES:** Finkel, R.S., *et al.* (2010). *J.Child Neurol.* **25**, 1158-1164.**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 (**Cat. No. 2487-1,5**)CFTR Inhibitor, GlyH-101 (**Cat. No. 2863-5,25**)VX-809 (**Cat. No. 2857-5, 25**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**