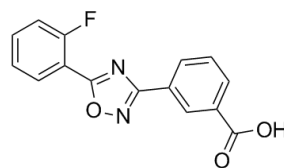


Product Name : Ataluren
Synonyms : PTC124
Cat No. : M15929
CAS Number : 775304-57-9
Molecular Formula : C₁₅H₉FN₂O₃
Formula Weight : 284.24
Chemical Name : 3-[5-(2-fluorophenyl)-1,2,4-oxadiazol-3-yl]benzoic acid



Description : PTC124 (Ataluren) selectively induces ribosomal read-through of premature but not normal termination codons, with EC₅₀ of 0.1 μM, may provide treatment for genetic disorders caused by nonsense mutations (e.g. CF caused by CFTR nonsense mutation).
Pathway : Apoptosis
Target : CFTR
Receptor : CFTR
Solubility : DMSO: 57 mg/mL (200.53 mM)
SMILES : O=C(O)C1=CC=CC(C2=NOC(C3=CC=CC=C3F)=N2)=C1
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Welch EM, et al. Nature, 2007, 447(7140), 87-9