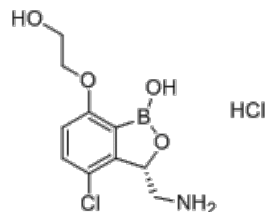


Product Name	: GSK-656
Synonyms	: GSK656; GSK 656; GSK3036656; GSK-3036656
Cat No.	: M13395
CAS Number	: 2131798-13-3
Molecular Formula	: C ₁₀ H ₁₄ BCl ₂ NO ₄
Formula Weight	: 293.94
Chemical Name	: (S)-3-(Aminomethyl)-4-chloro-7-(2-hydroxyethoxy)benzo[c]-[1,2]oxaborol-1(3H)-ol hydrochloride
Description	: GSK-656 (GSK-3036656, GSK656) is a potent, highly selective, orally bioavailable Mtb Leucyl-tRNA synthetase (LeuRS) with IC ₅₀ of 0.2 uM; displays no significant activity for human mitochondrial LeuRS and human cytoplasmic LeuRS (IC ₅₀ >100 uM); shows potent antitubercular activity (Mtb H37Rv IC ₅₀ =0.08 uM) in vitro; exhibits remarkable PK profiles and efficacy against Mtb in mouse TB infection models. Bacterial Infection Phase 1 Clinical
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: Antibacterial
Solubility	: DMSO : 67.5 mg/mL 229.64 mM
SMILES	: B1(C2=C(C=CC(=C2C(O1)CN)Cl)OCCO)O.Cl
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Li X, et al. J Med Chem. 2017 Oct 12; 60(19):8011-8026.