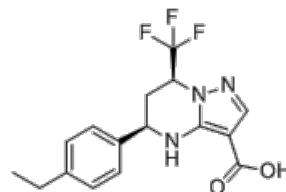


Product Name	: GSK-729
Synonyms	: GSK 729;GSK729
Cat No.	: M11073
CAS Number	: 1260243-45-5
Molecular Formula	: C ₁₆ H ₁₆ F ₃ N ₃ O ₂
Formula Weight	: 339.32
Chemical Name	: (5R,7S)-5-(4-ethylphenyl)-7-(trifluoromethyl)-4,5,6,7-tetrahydropyrazolo[1,5-a]pyrimidine-3-carboxylic acid
Description	: A potent, small molecule inhibitor of Mycobacterium tuberculosis enoyl-coenzyme A (CoA) hydratase EchA6 with IC ₅₀ of 1.8 uM, but not the MmpL3; selectively pulls down EchA6 in a stereospecific manner in M. bovis BCG extracts, competes with CoA-binding, suppresses mycolic acid synthesis, and are bactericidal in mouse model of chronic tuberculosis infection.
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: Antibacterial
Solubility	: —
SMILES	: <chem>O=C1C=C2N[C@H](C3=CC=C(CC)C=C3)C[C@H](C(F)(F)F)N2N=C1O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Cox JA, et al. Nat Microbiol. 2016 Jan 18;1:15006.