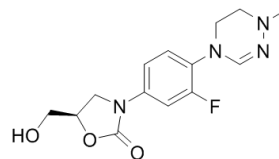


Product Name	: Delpazolid
Synonyms	: LCB01-0371;LCB 01-0371
Cat No.	: M10827
CAS Number	: 1219707-39-7
Molecular Formula	: C ₁₄ H ₁₇ FN ₄ O ₃
Formula Weight	: 308.31
Chemical Name	: (5R)-3-[3-fluoro-4-(1-methyl-5,6-dihydro-1,2,4-triazin-4(1H)-yl)phenyl]-5-(hydroxymethyl)-1,3-oxazolidin-2-one
Description	: A novel oxazolidinone antibiotic that shows good antibacterial activity (MSSA MIC ₅₀ =1 ug/mL); potently inhibits MSSA and MRSA clinical isolates with MIC of 0.5-2 and 0.5-4 ug/mL, respectively; shows more-potent protective effects (MSSA ED ₅₀ =4.53 mg/kg) than Linezolid against systemic infections caused by Gram-positive and Gram-negative bacteria in mice model.Bacterial Infection Preclinical
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: Others
Solubility	: 10 mM in DMSO
SMILES	: O=C1O[C@@H](CO)CN1C2=CC=C(N3C=NN(C)CC3)C(F)=C2
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Jeong JW, et al. Antimicrob Agents Chemother. 2010 Dec;54(12):5359-62. | 2. Kim TS, et al. Antimicrob Agents Chemother. 2017 Aug 24;61(9). pii: e02752-16. | 3. Choi Y, et al. J Antimicrob Chemother. 2017 Oct 23. doi: 10.1093/jac/dkx367.