

Product Name	: Olutasidenib
Synonyms	: FT-2102; FT2102
Cat No.	: M12951
CAS Number	: 1887014-12-1
Molecular Formula	: C ₁₈ H ₁₅ ClN ₄ O ₂
Formula Weight	: 354.79
Chemical Name	: 5-[[[(1S)-1-(6-Chloro-2-oxo-1,2-dihydroquinolin-3-yl)ethyl]amino]-1-methyl-6-oxo-1,6-dihydropyridine-2-carbonitrile
Description	Olutasidenib (FT-2102, FT2102) is an oral, highly potent, selective small molecule inhibitor of mutated IDH1 R132; specifically inhibits IDH1(R132), thereby inhibiting the formation of the oncometabolite 2-hydroxyglutarate (2HG) from alpha-ketoglutarate (a-KG). This prevents 2HG-mediated signaling and leads to both an induction of cellular differentiation and an inhibition of cellular proliferation in tumor cells expressing IDH(R132). Blood Cancer Phase 2 Clinical
Pathway	: Metabolic Enzyme/Protease
Target	: IDH
Receptor	: IDH
Solubility	: —
SMILES	: <chem>N#CC1=CC=C(N[C@H](C2=CC3=C(NC2=O)C=CC(Cl)=C3)C)C(N1C)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

