

Olutasidenib, Mutant IDH1 inhibitor

Catalog	Unit
TBI4917-5MG	5 mg
TBI4917-25MG	25 mg

Product Details

Formal Name: 5-[[[(1S)-1-(6-Chloro-2-oxo-1H-quinolin-3-yl)ethyl]amino]-1-methyl-6-oxopyridine-2-carbonitrile

Alternate Names: FT-2102

Molecular Formula: C₁₈H₁₅ClN₄O₂

Formula Weight: 354.8

CAS Number: 1887014-12-1

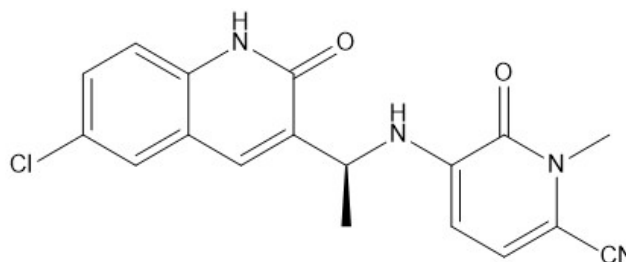
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (> 25 mg/ml)

Storage: -20°C

Stability: ≥ 2 years



Applications

Mutant IDH1 inhibitor

Functions

Olutasidenib is a potent (IC₅₀'s cell-based IDH1 mutants: HCT116-R132H = 21 nM; HCT116-IDH-R132C = 94 nM; U87MG-R132L = 42 nM; U87MG-R132G = 6 nM; U87MG-R132S = 9 nM) and CNS-penetrant mutant isocitrate dehydrogenase 1 inhibitor. It induced durable and complete remissions in relapsed or refractory IDH1 mutated acute myeloid leukemia.

Application Procedures

First dissolved in DMSO (> 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.