

Belzutifan, HIF-2 α inhibitor

Catalog	Unit
TBI4274-5MG	5 mg
TBI4274-25MG	25 mg

Product Details

Formal Name: 3-[[[(1S,2S,3R)-2,3-Difluoro-1-hydroxy-7-methylsulfonyl-2,3-dihydro-1H-inden-4-yl]oxy]-5-fluorobenzonitrile

Alternate Names: PT2977; MK-6482

Molecular Formula: C₁₇H₁₂F₃NO₄S

Formula Weight: 383.3

CAS Number: 1672668-24-4

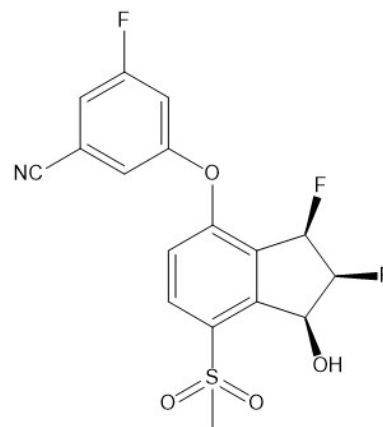
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to at least 25 mg/ml)

Storage: -20°C

Stability: $\geq$ 1 year.



Applications

HIF-2 α inhibitor

Functions

A potent hypoxia-inducible factor 2 α (HIF-2 α) inhibitor (IC₅₀ = 9 nM). Active *in vivo* in mouse and human studies of renal cell and non-renal cell carcinoma associated with VHL disease. An important tool for modulating the hypoxic tumor microenvironment. FDA approved for the treatment of von Hippel-Lindau associated diseases.

Application Procedures

First dissolved in DMSO (up to at least 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.