

Luminespib, HSP90 inhibitor

Catalog	Unit
TBI4672-5MG	5 mg
TBI4672-25MG	25 mg

Product Details

Formal Name: 5-(2,4-Dihydroxy-5-propan-2-ylphenyl)-N-ethyl-4-[4-(morpholin-4-ylmethyl)phenyl]-1,2-oxazole-3-carboxamide

Alternate Names: NVP-AUY922; VER-52296

Molecular Formula: C₂₆H₃₁N₃O₅

Formula Weight: 465.50

CAS Number: 747412-49-3

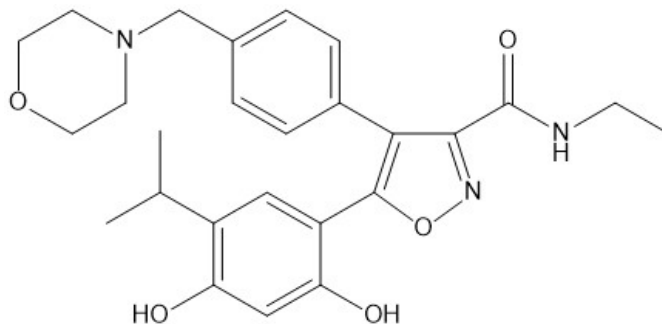
Purity: >99%

Formulation: powder

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

Storage: -20°C

Stability: ≥ 1 year.



Applications

HSP90 inhibitor

Functions

Potent inhibitor (IC₅₀ = 21 nM) of HSP90. It is active against various human tumor xenograft models acting via several processes including cytoskeleton, apoptosis, invasion, and angiogenesis. Luminespib enhances tumor susceptibility to T-cell-based immunotherapy by re-invigorating the cancer-immunity cycle in NANOG+ cancer cells. It also acts as a radiosensitizer against various tumor cells.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

For research use only.