

Catalog	Unit
TBI5268-5MG	5 mg
TBI5268-25MG	25 mg

Product Details

Formal Name: 1-(4-(3-Amino-1H-indazol-4-yl)phenyl)-3-(2-fluoro-5-methylphenyl)urea

Alternate Names: Linifanib

Molecular Formula: C₂₁H₁₈FN₅O

Formula Weight: 375.4

CAS Number: 796967-16-3

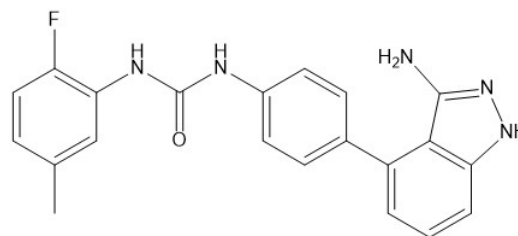
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (30 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

VEGFR/PDGFR family inhibitor

Functions

A structurally novel, potent inhibitor of receptor tyrosine kinases inhibiting VEGFR and PDGFR and related kinases with IC₅₀s = 3, 4, 4, 66, 3 and 14 nM for VEGFR1, VEGFR2, FLT3, PDGFRβ, CSF-1R and KIT respectively. Protects cells from necroptosis and rescues SIRS mice from TNF-α-induced shock and death. Exerts anti-obesity effects by promoting adipocyte browning. Inhibits angiogenesis.

Application Procedures

First dissolved in DMSO (30 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.