

Axitinib, VEGFR kinase inhibitor

Catalog	Unit
TBI2118-10MG	10 mg
TBI2118-50MG	50 mg

Product Details

Formal Name: N-Methyl-[[3-[(1E)-2-(2-pyridinyl)ethenyl]-1H-indazol-6-yl]thio]benzamide

Molecular Formula: C₂₂H₁₈N₄OS

Formula Weight: 386.47

CAS Number: 319460-85-0

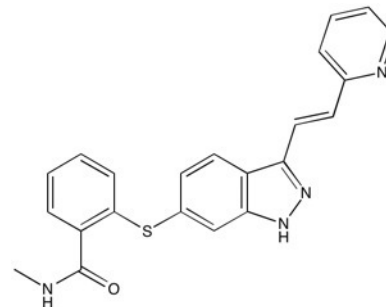
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

VEGFR kinase inhibitor

Functions

Potent inhibitor of VEGFR-2, -3, and -1, IC₅₀ = 0.2, 0.1-0.3, and 1.2 nM respectively displaying minimal activity against a panel of ~100 protein kinases. Inhibits angiogenesis and vascular permeability. Also inhibits BCR-ABL1 (T315I) with high potency, K_i = 149 pM for autophosphorylated ABL1 (T315I). Inhibits proliferation of Ba/F3 cells expressing BCR-ABL1 (T315I). Clinically useful anticancer agent.

Application Procedures

First dissolved in DMSO (up to 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.