

Catalog	Unit
TBI4814-10MG	10 mg
TBI4814-50MG	50 mg

Product Details

Formal Name: 3-[8-Amino-1-(2-phenyl-7-quinolyl)imidazo[1,5-a]pyrazin-3-yl]-1-methyl-cyclobutanol

Alternate Names: OSI-906

Molecular Formula: C₂₆H₂₃N₅O

Formula Weight: 421.49

CAS Number: 867160-71-2

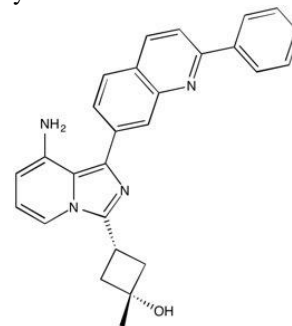
Purity: >98%

Formulation: powder

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

Storage: -20°C

Stability: ≥ 1 year.



Applications

IGF-1R kinase and InsR kinase inhibitor

Functions

Linsitinib is a potent and selective dual inhibitor of insulin-like growth factor 1 (IGF-1R) kinase and insulin receptor (InsR) kinase (IC₅₀'s = 35 and 75 nM respectively). It has been investigated as a chemotherapeutic in combination with other drugs for various cancers.

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 2 months.

For research use only.