

Ribociclib, CDK4/6 inhibitor

Catalog	Unit
TBI4807-10MG	10 mg
TBI4807-50MG	50 mg

Product Details

Formal Name: 7-Cyclopentyl-N,N-dimethyl-2-((5-(piperazin-1-yl)pyridin-2-yl)amino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxamide

Alternate Names: LEE011

Molecular Formula: C₂₃H₃₀N₈O₃

Formula Weight: 434.5

CAS Number: 1211441-98-3

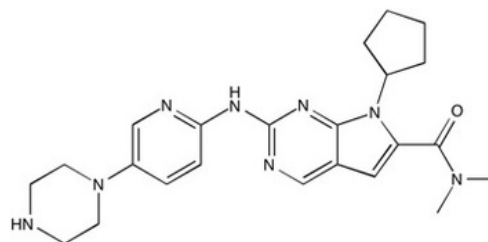
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 10 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

CDK4/6 inhibitor

Functions

Potent and selective CDK 4/6 inhibitor¹. Mitigates acute kidney injury. Induces cell cycle arrest and senescence in neuroblastoma. In clinical use for HR-positive, HER2-negative metastatic breast cancer. Orally bioavailable.

Application Procedures

First dissolved in DMSO (up to 10 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.