

INK-128, mTOR inhibitor

Catalog	Unit
TBI3362-5MG	5 mg
TBI3362-25MG	25 mg

Product Details

Formal Name: 3-(2-Amino-5-benzoxazolyl)-1-(1-methylethyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine

Alternate Names: MLN-0128

Molecular Formula: C₁₅H₁₅N₇O

Formula Weight: 309.33

CAS Number: 1224844-38-5

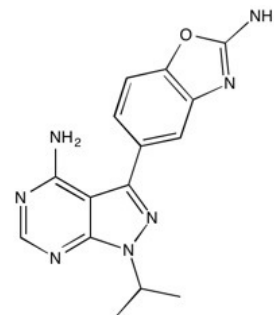
Purity: >98%

Formulation: powder

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

Storage: -20°C

Stability: ≥ 1 year.



Applications

mTOR inhibitor

Functions

A potent and selective, ATP-competitive inhibitor of mTOR kinase, $K_i = 1.4$ nM. Inhibits growth and proliferation of various breast cancer cell lines and human endothelial 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 3 months.

For research use only.