

PP242, mTOR kinase inhibitor

Catalog	Unit
TBI2695-5MG	5 mg
TBI2695-25MG	25 mg

Product Details

Formal Name: 2-[4-amino-1-(1-methylethyl)-1H-pyrazolo[3,4-d]pyrimidin-3-yl]-1H-indol-5-ol

Molecular Formula: C₁₆H₁₆N₆O

Formula Weight: 308.3

CAS Number: 1092351-67-1

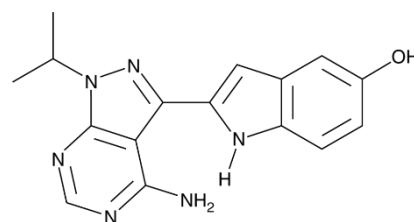
Purity: ≥95%

Formulation: powder

Solubility: Soluble in DMSO (up to 10 mg/ml), ethanol (up to 0.5 mg/ml), and DMF (up to 20 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

mTOR (mammalian target of rapamycin) kinase inhibitor

Functions

PP242 specifically inhibits mTOR kinase signaling, suppressing leukemic expansion by inhibiting the growth and proliferation of leukemic cells.

Procedures

First dissolved in DMSO (up to 10 mg/ml), ethanol (up to 0.5 mg/ml), and DMF (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 day.

For research use only.