

Catalog	Unit
TBI1230-10UG	10 µg
TBI1230-50UG	50 µg

Product Details

Molecular Formula: C₅₀H₈₁N₄O₁₅P

Formula Weight: 1009.2

CAS Number: 101932-71-2

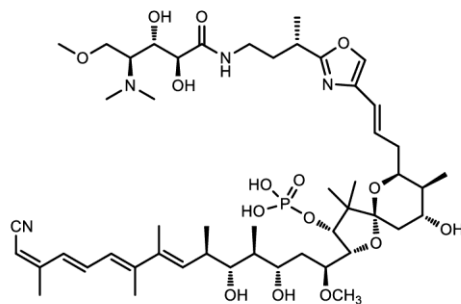
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO or Ethanol

Storage: -20°C

Stability: ≥ 2 years.



Applications

PP1 and PP2 inhibitor

Functions

A potent cell permeable inhibitor of protein phosphatase 1 (PP1) and 2A (PP2A), $K_i=0.1$ nM. Has no effect on acid or alkaline phosphatase at 1 µM. A non-phorbol tumor promoter. Stimulates the phosphorylation of various cellular proteins such as vimentin and NFκB and also induces membrane translocation of protein kinase C.

Application Procedures

First dissolved in DMSO or ethanol, then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

For research use only.