

TPEN, Intracellular Zn²⁺ chelator

Catalog	Unit
TBI1228-100MG	100 mg
TBI1228-500MG	500 mg

Product Details

Formal Name: N,N,N',N'-Tetrakis(2-pyridylmethyl)ethylenediamine

Molecular Formula: C₂₆H₂₈N₆

Formula Weight: 424.54

CAS Number: 16858-02-9

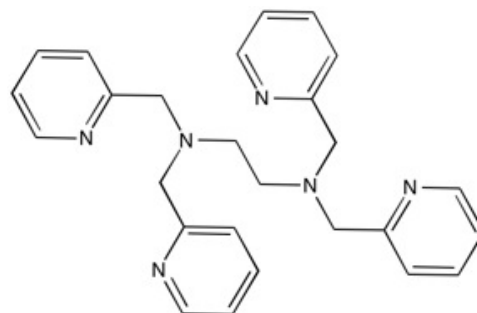
Purity: >98%

Formulation: powder

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

Storage: -20°C

Stability: ≥ 2 years.



Applications

Intracellular Zn²⁺ chelator

Functions

TPEN is a cell permeable metal chelator. Frequently used to study effects of zinc depletion on cellular processes.

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 3 months.

For research use only.