

DBeQ, p97 AAA ATPase inhibitor

Catalog	Unit
TBI1196-5MG	5 mg
TBI1196-25MG	25 mg

Product Details

Formal Name: N,N'-Dibenzylquinazoline-2,4-diamine

Molecular Formula: C₂₂H₂₀N₄

Formula Weight: 340.43

CAS Number: 177355-84-9

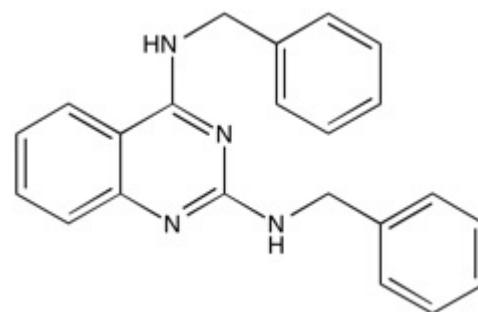
Purity: >98%

Formulation: powder

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

Storage: -20°C

Stability: ≥ 2 years.



Applications

p97 AAA ATPase inhibitor

Functions

A potent, selective and reversible inhibitor of the AAA-ATPase p97 (ATPase associated with diverse cellular activities). $K_i=3.2 \mu\text{M}$. It blocks ubiquitin-dependent protein clearance pathways. Cell permeable.

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 2 months.

For research use only.