

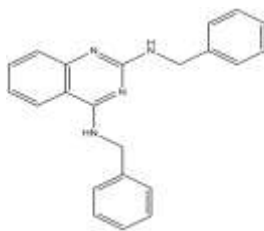
DBeQ

ALTERNATE NAME: N², N⁴-Dibenzylquinazoline-2,4-diamine

CATALOG #: 1858-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₀N₄

MOLECULAR WEIGHT: 340.42

CAS NUMBER: 177355-84-9

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (~25 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C

DESCRIPTION: Cell-permeable. A potent, selective, reversible, and ATP-competitive p97 inhibitor. DBeQ blocks both ubiquitin-dependent and autophagic protein clearance pathways and rapidly promotes executioner caspases -3 and -7.

REFERENCE: Chou, T.-F., *et al.* (2011). *Proc. Natl. Acad. Sci. USA* **108**, 4834-4839.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS

- Amiodarone Hydrochloride (Cat. No. 1828-100, 500)
- Bafilomycin A1 (Cat. No. 1829-50, 250)
- Chloroquine Diphosphate (Cat. No. 1825-100, 500)
- Dorsomorphin (Cat. No. 1686-5)
- (-)-Epigallocatechin Gallate (Cat. No. 1841-50)
- Clasto-Lactacystin β-lactone (Cat. No. 1710-100)
- Lactacystin (Cat. No. 1709-200)
- MG-115 (Cat. No. 1831-1,5)
- MG-132 (Cat. No. 1703-5)
- EZSolution™ MG-132 (Cat. No. 1791-5)
- Rottlerin (Cat. No. 1827-10)
- PS-341 (Cat. No. 1846-15)