



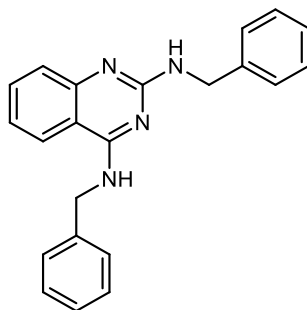
Catalog # 10-1196

DBeQ

177355-84-9

N,N'-Dibenzylquinazoline-2,4-diamine

Lot # X10219



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.

- 1) Chou *et al.* (2011), *Reversible inhibitor of p97, DBeQ, impairs both ubiquitin-dependent and autophagic protein clearance pathways*; Proc. Natl. Acad. Sci. USA, **108** 4834

PHYSICAL DATA

Molecular Weight: 340.43

Molecular Formula: $\text{C}_{22}\text{H}_{20}\text{N}_4$

Purity: 98% by TLC

NMR: (Conforms)

Solubility: DMSO (up to 25 mg/ml)

Physical Description: Yellow solid

Storage and Stability: Store as supplied at 4°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 2 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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