

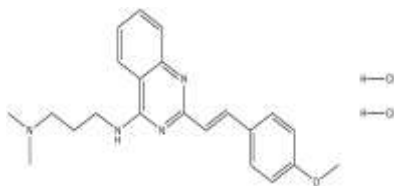
CP-31398 Dihydrochloride

ALTERNATE NAME: *N*-[2-[2-(4-Methoxyphenyl)ethenyl]-4-quinazoliny]-*N,N*-dimethyl-1,3-propanediamine Dihydrochloride

CATALOG #: 1815-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₆N₄O₂·2HCl

MOLECULAR WEIGHT: 435.39

CAS NUMBER: 259199-65-0

APPEARANCE: Yellow solid

SOLUBILITY: Water (25 mg/ml) or DMSO (5 mg/ml)

PURITY: ≥98% by TLC

STORAGE: Store at -20 °C. Protect from light

DESCRIPTION: A styrylquinazoline derivative that acts as a p53 stabilizing agent. It not only restores p53 functions in mutant p53-expressing cells but can also significantly increase the protein level and promote the activity of wild-type p53 in multiple human cancer cell lines, leading to cell cycle arrest or apoptosis. CP-31398 enhances the protein levels of wild-type p53 by blockade of ubiquitination and degradation of p53 without interrupting the physical association between p53 and MDM2 *in vivo*.

REFERENCE: Wang, W., *et al.* (2003). *Mol. Cell. Biol.* **23**, 2171-2181.

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:

- Noxa Antibody (Cat. No. 3665-100)
- Pifithrin- α (Cat. No. 1554-10)
- P53 Antibody (Cat. No. 3036-100)
- P53 Antibody (Cat. No. 3036R-100)
- P53 peptide (Cat. No. 3036RBP-50)
- Phospho-p53 Antibody (Cat. No. 3515-100)
- P53 Mutant, Human Recombinant (Cat. No. 4832-5)
- P53, Human Recombinant (Cat. No. 4829-5)
- P53 NIDP1 Antibody (Cat. No. 3340-100)
- PID/MTA2 Antibody (Cat. No. 3294-100)
- PUMA/bbc3 Antibody (Cat. No. 3339R-100)