CP-31398

p53 activator

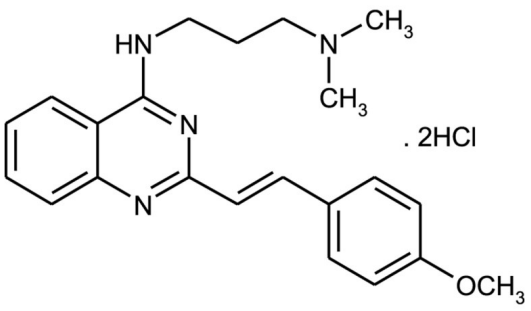
CP-31398 restores mutant p53 tumor suppressor function *in vitro* without affecting p53 homologs p63 and p73, and *in vivo* inhibiting UVB-induced skin carcinogenesis in mice. Stabilization of p53 inhibits ubiquitination without altering phosphorylation at Ser^{12} or Ser^{20} or MDM2 binding. Administration of this or similar compounds has the potential to enhance cytotoxic chemotherapy.

Citations: 5 View Online »

Ordering Information Order Online »

BML-GR360-0010	10mg
BML-GR360-0050	50mg

Manuals, SDS & CofA View Online »


HN
N
CH3
CH3
. 2HCl
N
OCH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at -20°C. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N'-[2-[2-(4-Methoxyphenyl)ethenyl]-4-quinazolinyl]-N,N-dimethyl-1,3-propanediamine dihydrochloride
Appearance	Yellow solid.
CAS	259199-65-0
Couple Target	p53
Couple Type	Activator
Formula	$C_{22}H_{26}N_4O$. 2HCl
MW	435.4
Purity	≥98% (HPLC)
Solubility	Soluble in water (25mg/ml) or DMSO (5mg/ml).
Source	Synthetic.

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