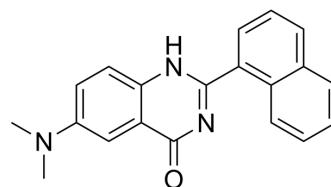


## DPQZ

Cat. No.:	HY-116664
CAS No.:	1431362-93-4
Molecular Formula:	C <sub>20</sub> H <sub>17</sub> N <sub>3</sub> O
Molecular Weight:	315.37
Target:	Ras; Raf; Caspase; Apoptosis
Pathway:	GPCR/G Protein; MAPK/ERK Pathway; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

DPQZ is an anti-tubulin agent that inhibits cell separation and induces cell cycle arrest at the G<sub>2</sub>/M phase. In addition, DPQZ induces caspase-dependent apoptosis of HSC-3 cells by inhibiting Ras/Raf and activating MAP kinase. DPQZ can be used in the study of oral cancer<sup>[1]</sup>.

## REFERENCES

[1]. Hour M J, et al. A novel antitubulin agent, DPQZ, induces cell apoptosis in human oral cancer cells through Ras/Raf inhibition and MAP kinases activation[J]. Archives of toxicology, 2013, 87: 835-846.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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