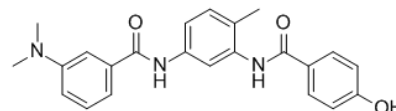


Product Name : ZM 336372
Cat. No. : PC-43507
CAS No. : 208260-29-1
Molecular Formula : C₂₃H₂₃N₃O₃
Molecular Weight : 389.45
Target : Raf
Solubility : 10 mM in DMSO



Biological Activity

ZM 336372 is a potent, specific inhibitor of Raf isoforms in vitro (**c-Raf** IC₅₀=70 nM), paradoxically induces >100-fold activation of c-Raf (Raf-1 activator), but without triggering any activation of MKK1 or p42 MAPK/ERK2. ZM 336372 suppresses growth and neuroendocrine hormone levels in carcinoid tumor cells, with marked induction of the cell cycle inhibitors p21 and p18. ZM 336372 blocks cellular proliferation and suppresses NE vasoactive peptide production in pheochromocytoma cells.

References

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Van Gompel JJ, et al. Mol Cancer Ther. 2005 Jun;4(6):910-7.
Kappes A, et al. J Surg Res. 2006 Jun 1;133(1):42-5.
Kunnimalaiyaan M, et al. Surgery. 2007 Dec;142(6):959-64; discussion 959-64.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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