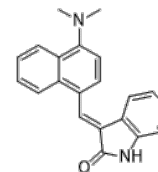


**Product Name** : MAZ51  
**Cat. No.** : PC-23424  
**CAS No.** : 163655-37-6  
**Molecular Formula** : C<sub>21</sub>H<sub>18</sub>N<sub>2</sub>O  
**Molecular Weight** : 314.38  
**Target** : VEGFR  
**Solubility** : 10 mM in DMSO



## Biological Activity

MAZ51 is a specific inhibitor of VEGFR-3, blocks the ligand-induced autophosphorylation of VEGFR-3 and inhibits the proliferation of VEGFR-3-expressing cancer cells.

MAZ51 also inhibits the proliferation and induces the apoptosis of a variety of non-VEGFR-3-expressing tumor cell lines.

MAZ51 blocks the activity of tyrosine kinases in addition to VEGFR-3.

MAZ51 significantly inhibits the growth of rat mammary carcinomas.

## References

Kirkin V, et al. Int J Cancer. 2004 Dec 20;112(6):986-93.

Ny A, et al. Blood. 2008 Sep 1;112(5):1740-9.

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

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