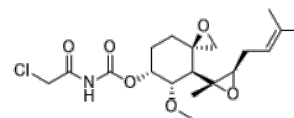


**Product Name** : TNP-470  
**Cat. No.** : PC-63314  
**CAS No.** : 129298-91-5  
**Molecular Formula** : C<sub>19</sub>H<sub>28</sub>ClNO<sub>6</sub>  
**Molecular Weight** : 401.884  
**Target** : Aminopeptidase  
**Solubility** : 10 mM in DMSO



CAS: 129298-91-5

## Biological Activity

TNP-470 (AGM-1470) is a specific, irreversible **MetAP-2** inhibitor and an anti-angiogenic compound, inhibits endothelial cell proliferation and angiogenesis.

TNP-470 has anti-growth factor properties and inhibits the activation of Cdk 2 and phosphorylation of RB protein, inhibits potently PDGF- and bFGF-stimulated proliferation of rat mesangial cells in vitro (IC<sub>50</sub> = 50 pg/ml).

TNP-470 inhibits tumor growth and metastasis of rodent tumors.

TNP-470 does not bind to or inhibit MetAP-1.

## References

Yamaoka M, et al. *Cancer Res.* 1993 Sep 15;53(18):4262-7.

Haraguchi M, et al. *Kidney Int.* 1997 Jun;51(6):1838-46.

Garrabrant T, et al. *Angiogenesis.* 2004;7(2):91-6.

Ingber D, et al. *Nature.* 1990 Dec 6;348(6301):555-7.

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

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