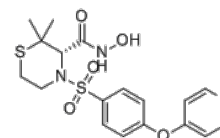


Product Name : Prinomastat
Cat. No. : PC-62944
CAS No. : 192329-42-3
Molecular Formula : C₁₈H₂₁N₃O₅S₂
Molecular Weight : 423.502
Target : Matrix Metalloproteinase (MMP)
Solubility : 10 mM in DMSO



Biological Activity

Prinomastat (AG3340) is a potent, selective **MMP** inhibitor with pM affinities for inhibiting gelatinases (MMP-2 and -9, K_i=50-150 pM), MMP-14 and MMP-13.

AG3340 demonstrates broad antitumor activity in a number of tumor models, inhibits glioma invasion or growth of the human malignant glioma cell line U87.

AG3340 also suppresses tumor growth in a malignant glioma tumor model.

References

Price A, et al. *Clin Cancer Res.* 1999 Apr;5(4):845-54.

Santos O, et al. *Clin Exp Metastasis.* 1997 Sep;15(5):499-508.

Shalinsky DR, et al. *Ann N Y Acad Sci.* 1999 Jun 30;878:236-70.

Shalinsky DR, et al. *Clin Cancer Res.* 1999 Jul;5(7):1905-17.

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

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