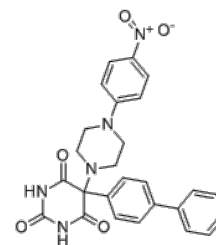


Product Name : RO 28-2653
Cat. No. : PC-63178
CAS No. : 261956-22-3
Molecular Formula : C₂₆H₂₃N₅O₅
Molecular Weight : 485.5
Target : Matrix Metalloproteinase (MMP)
Solubility : 10 mM in DMSO



Biological Activity

RO 28-2653 is a potent, selective and orally active **matrix-metalloproteinases (MMPs)** MMP2, MMP9 and MMP14 inhibitor with IC₅₀ of 10, 12 and 10 nM, shows no activity against MMP3 and MMP1 (IC₅₀>1 uM).

RO 28-2653 reduces the growth of tumors induced by the inoculation of different cell lines producing MMPs and inhibits the tumor-promoting effect of fibroblasts on breast adenocarcinoma cells.

RO 28-2653 reduces tumor growth and prolongs survival in a prostate cancer standard rat model.

References

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

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