
Product Data Sheet

Product Name: PNU-248686A

Cat. No.: GC33164

Chemical Properties

Cas. No. 341498-89-3

SMILES O=C(O)[C@](CSC1=CC=CC=C1)(O)CS(=O)(C2=CC=C(C3=CC=C(Cl)C=C3)C=C2)=O.[Na]Formula C₂₂H₁₉ClNaO₅S₂ M.Wt 485.96

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

PNU-248686A is a novel matrix metalloproteinase (MMP) inhibitor.

PNU-248686A is an orally active matrix metalloproteinase (MMP) inhibitor developed for the treatment of solid tumors over-expressing MMPs[1].

[1]. Frigerio E, et al. Determination of PNU-248686A, a novel matrix metalloproteinase inhibitor, in human plasma by liquid chromatography-tandem mass spectrometry, following protein precipitation in the 96-well plate format. J Chromatogr A. 2003 Feb 14;987(1-2):249-56.

Caution: Product has not been fully validated for medical applications. For research use only.

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