
Product Data Sheet

Product Name: MMP-3 Inhibitor

Cat. No.: GC18218

Chemical Properties

Cas. No. 158841-76-0

Chemical Name N2-acetyl-L-arginyl-L-cysteinylglycyl-L-valyl-L-prolyl-L- α -asparagineSMILES NC(NCCC[C@H](NC(C)=O)C(N[C@H](C(NCC(N[C@H](C(N1CCC[C@H]1C(N[C@H](C(N)=O)CC(O)=O)=O)=O)C(C)C)=O)=O)CS)=O)=NFormula C₂₇H₄₆N₁₀O₉S M.Wt 686.8

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, Ethanol: 30 mg/ml, PBS (pH 7.2): 10 mg/ml 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**MMP-3 inhibitor is a peptide inhibitor of matrix metalloproteinase-3 (MMP-3) with a Ki value of 95 nM.¹

References

1. Umezawa, N., Noro, Y., Ukai, K., et al. Photocontrol of peptide function: Backbone cyclization strategy with photocleavable amino acid. *ChemBioChem* 12(11), 1694-1698 (2011).

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

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