

Catalog Number: CM05190

产品信息

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CM05190

CAS号:
704888-90-4

分子式:
C₁₇H₂₀N₂O₅S

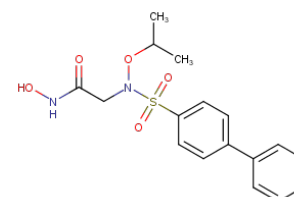
主要靶点:
MMP

主要通路:
蛋白酶体

分子量:
364.42

溶解度:

DMSO:96 mg/mL (263.43 mM), Sonification is recommended.



靶点活性

MMP-3:4.5 μM | MMP-7:>50 μM | MMP-2:12 nM | MMP-1:>50 μM | MMP-9:0.2 μM

体外活性

ARP-100 (50 nM) exhibits a significant reduction in the total number of invasive elongations[1].

描述

ARP-100 is a potent and selective matrix metalloproteinase MMP-2 inhibitor (IC₅₀=12 nM). ARP-100 interacts with the S1' pocket of MMP-2 and exhibits anti-invasive properties in an in vitro invasion Matrigel model. ARP-100 has low inhibitory activity against MMP-1 (>50 μM), MMP-3 (4.5 μM), MMP-7 (>50 μM) and MMP-9 (0.2 μM)[1][2].

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years