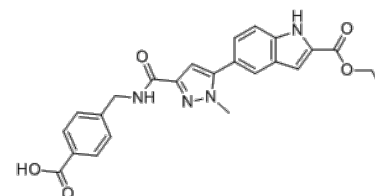


Product Name : BI-4394
Cat. No. : PC-35033
CAS No. : 1222173-37-6
Molecular Formula : C₂₄H₂₂N₄O₅
Molecular Weight : 446.463
Target : Matrix Metalloproteinase (MMP)
Solubility : 10 mM in DMSO



Biological Activity

BI-4394 is a highly potent, selective **MMP-13** inhibitor with IC₅₀ of 1 nM, displays >1,000 fold selectivity against nine other MMP isoforms (MMP2/14, IC₅₀=18/8.3 uM).

BI-4394 is potent in a full-length MMP-13 collagen degradation assay (IC₅₀=11 nM) and is able to inhibit degradation of bovine nasal cartilage with an IC₅₀ of 31 nM.

References

Taylor SJ, et al. *J Med Chem*. 2011 Dec 8;54(23):8174-87.

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

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