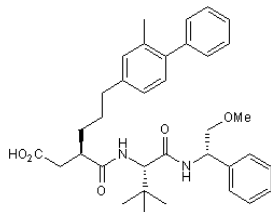




Product Information Sheet

Product Name:	UK 370106
Catalog Number:	72182
Size:	10 mg
Chemical name:	(βR)- β -[[[(1S)-1-[[[(1S)-2-Methoxy-1-phenylethyl]amino]carbonyl]-2,2-dimethylpropyl]amino]carbonyl]-2-methyl-[1,1'-biphenyl]-4-hexanoic acid.
Molecular weight:	572.7
Formula:	C ₃₅ H ₄₄ N ₂ O ₅



Purity:	>99%
Solubility:	DMSO or EtOH
CAS number:	199850-67-4
Storage:	2~8°C

Instruction:

Acts as a potent inhibitor of MMP-3 and -12 (IC₅₀ values are 23, and 42 nM, respectively). Displays inhibition effect on MMP-8, 13, 7, 9, 2 and 14 (IC₅₀ values are 1.75, 2.3, 5.8, 30.4, 34.2 and 66.9 μ M, respectively). Inhibits cleavage of fibronectin (IC₅₀=320 nM). Substantially inhibits MMP-3 ex vivo in a model of chronic dermal ulcers.

References:

1. Fray, MJ., et al. *J. Med. Chem.* **46**, 3514 (2003).
2. Whitlock, GA., et al. *Bioorg.Med.Chem.Letts.* **17**, 6750 (2007).
3. Matthews, KH., et al. *Int.J.Pharmaceutics* **356**, 110 (2003).