Product Data Sheet

Product Name: Synstatin (92-119)
Cat. No.: GC74395

Chemical Properties

Cas. No.	1259384-47-8		
Formula	$C_{133}H_{207}N_{35}O_{46}$	M.Wt	3032.27
Solubility	H_2O : ≥ 100 mg/mL (32.98 mM)	Storage	Sealed storage, away from moisture and light

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

LPAGEKPEEGEPVLHVEAEPGFTARDKE

Background

Synstatin (92-119) is an anti-tumor agent that inhibits angiogenesis and cancer cell invasion. Synstatin (92-119) down-regulates integrin α β3 and reduces the activation of angiogenic growth factors VEGF and FGF-2.

References:
[1]. Metwaly HA, et al. Inhibition of the signaling pathway of syndecan-1 by synstatin: A promising

anti-integrin inhibitor of angiogenesis and proliferation in HCC in rats. Arch Biochem Biops. 2018 Aug 15;652:50-58.
[2]. Rapraeger AC. Synstatin: a selective inhibitor of the syndecan-1-coupled IGF1R-αvβ3 integrin complex in tumorigenesis and angiogenesis. FEBS J. 2013 May;280(10):2207-15.