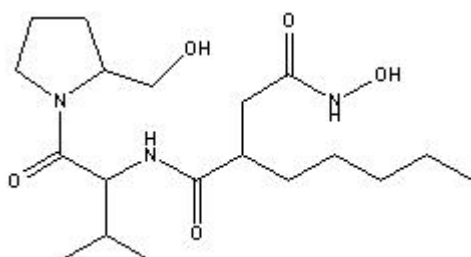


TECHNICAL INFORMATION

Catalog Number: 154712

Actinonin

Structure:



Molecular Formula: C₁₉H₃₅N₃O₅

Molecular Weight: 385.5

CAS # : 13434-13-4

Synonym: 3-[[1-[[2-(Hydroxymethyl)-1-pyrrolidinyl]carbonyl]-2-methylpropyl] carbamoyl]-octanohydroxamic acid

Physical Appearance: Lyophilized white powder

Application Notes: Inhibits aminopeptidase M, N and leucine aminopeptidase. ¹ Inhibits mammalian collagenase, K_i = .14 mM. ² Displays antitumor activity *in vitro* and *in vivo*. ³

Solubility: Soluble in ethanol (20 mg/ml) and DMSO (>20 mg/ml). Store solutions at -20°C for up to 3 months.

References:

- H.Umezawa et al. *J. Antibiotics* **38**, 1629 (1985)
- D.C.Faucher et al. *J. Antibiotics* **40**, 1757 (1987)
- Y.Xu, *Clin. Cancer Res.* **4**, 171 (1998)