

## Echistatin TFA

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Echistatin TFA, the smallest active RGD protein from snake venoms, is a potent inhibitor of platelet aggregation, bone resorption in culture, and an antagonist of $\alpha$ IIb $\beta$ 3, $\alpha$ v $\beta$ 3, and $\alpha$ 5 $\beta$ 1[1][2][3][4].
Targets(IC50)	Others,Integrin

## Solubility Information

Solubility	H2O: 50 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

- J Musial, et al. Inhibition of platelet adhesion to surfaces of extracorporeal circuits by disintegrins. RGD-containing peptides from viper venoms. Circulation. 1990 Jul;82(1):261-73.
- M Sato, et al. Echistatin is a potent inhibitor of bone resorption in culture. J Cell Biol. 1990 Oct;111(4):1713-23.
- C C Kumar, et al. Biochemical characterization of the binding of echistatin to integrin alphavbeta3 receptor. J Pharmacol Exp Ther. 1997 Nov;283(2):843-53.
- I Wierzbicka-Patynowski, et al. Structural requirements of echistatin for the recognition of alpha(v)beta(3) and alpha(5)beta(1) integrins. J Biol Chem. 1999 Dec 31;274(53):37809-14.

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