
Product Data Sheet

Product Name: Parstatin(mouse) TFA

Cat. No.: GC69663

Chemical Properties

Cas. No.

Formula C₁₉₁H₃₂₇F₃N₅₈O₅₉S₃

M.Wt 4533.18

Solubility H₂O : 100 mg/mL (22.06 mM; Need ultrasonic)

Storage Store at -20°C

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

Background

Parstatin(mouse) TFA, a cell-penetrating **PAR-1 A significant decrease in infarct size was detected with the 5-15 µg/kg doses with 10 µg/kg as the optimal dose. These hearts had an infarct size of 46 ± 3% of the area at risk, which is a 26% reduction in infarct size compared with the control.**

[1]. Panagiota Zania, et al. Parstatin, the Cleaved Peptide on Proteinase-Activated Receptor 1 Activation, Is a Potent Inhibitor of Angiogenesis. J Pharmacol Exp Ther. 2009 Feb;328(2):378-89.

[2]. Jennifer L Strande, et al. Parstatin: A Cryptic Peptide Involved in Cardioprotection After Ischaemia and Reperfusion Injury. Cardiovasc Res. 2009 Jul 15;83(2):325-34.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA