

Product Data Sheet

Product Name: Pz-Pro-Leu-Gly-Pro-d-Arg TFA

Cat. No.: GC81380

Chemical Properties

Cas. No.

Formula $C_{40}H_{53}F_3N_{10}O_{10}$ M.Wt 890.91

Solubility H_2O : 25 mg/mL (28.06 mM; Need ultrasonic) Storage Sealed storage, away from moisture

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.

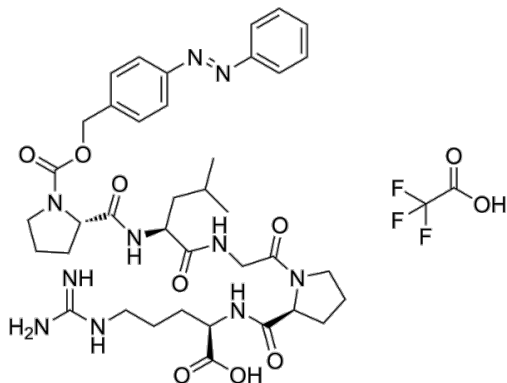
Caution: Product has not been fully validated for medical applications. For research use only.

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

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

Product Data Sheet

Structure



Background

Pz-Pro-Leu-Gly-Pro-d-Arg TFA is a synthetic polypeptide substrate. Pz-Pro-Leu-Gly-Pro-d-Arg TFA can be used to detect the collagenase-like activity of enzymes from various sources, such as *Bacillus* sp. AH-101 [1].

References:

[1]. Takami H, et, al. Substrate specificity of thermostable alkaline protease from *Bacillus* sp. No. AH-101. *Biosci Biotechnol Biochem.* 1992 Feb;56(2):333-4.

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