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.
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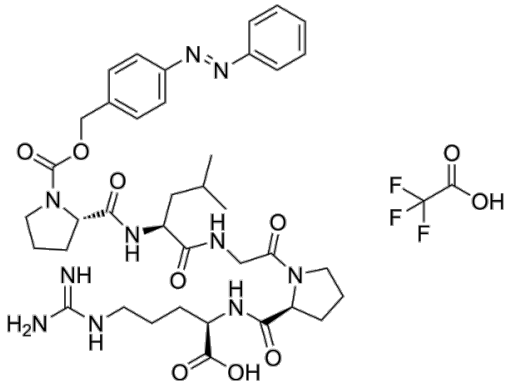
Structure



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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