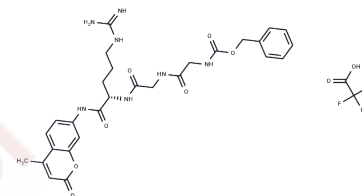


## Z-Gly-Gly-Arg-AMC TFA (66216-78-2 free base)

### Chemical Properties

CAS No. :	66216-79-3
Formula:	C30H34F3N7O9
Molecular Weight:	693.63
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	Z-Gly-Gly-Arg-AMC TFA (66216-78-2 free base) is a thrombin-specific fluorogenic substrate used to assess thrombin generation in platelet-rich plasma (PRP) and platelet-poor plasma (PPP).
Targets(IC50)	Others,Thrombin

### Solubility Information

Solubility	DMSO: 6.94 mg/mL (10.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4417 mL	7.2085 mL	14.4169 mL
5 mM	0.2883 mL	1.4417 mL	2.8834 mL
10 mM	0.1442 mL	0.7208 mL	1.4417 mL
50 mM	0.0288 mL	0.1442 mL	0.2883 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

Ivan D Tarandovskiy, Elena O Artemenko, Mikhail A Pantelev, et al. Antiplatelet agents can promote two-peaked thrombin generation in platelet rich plasma: mechanism and possible applications. PLoS One. 2013;8(2):e55688.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481