

Z-Gly-Gly-Arg-AMC acetate

Chemical Properties

CAS No. : 2070009-61-7

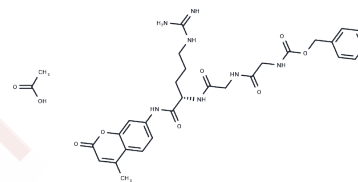
Formula: C30H37N7O9

Molecular Weight: 639.66

Keep away from moisture

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 Z-Gly-Gly-Arg-AMC acetate is a thrombase-specific fluorescent matrix used to detect thrombin production in platelet-rich plasma (PRP) and poor platelet plasma (PPP).

Solubility Information

Solubility H2O: 60 mg/mL (93.8 mM),Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5633 mL	7.8167 mL	15.6333 mL
5 mM	0.3127 mL	1.5633 mL	3.1267 mL
10 mM	0.1563 mL	0.7817 mL	1.5633 mL
50 mM	0.0313 mL	0.1563 mL	0.3127 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

Tarandovskiy ID, et al. Antiplatelet agents can promote two-peaked thrombin generation in platelet rich plasma: mechanism and possible applications. PLoS One. 2013;8(2):e55688.

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