Product Data Sheet

Product Name: D-Val-Gly-Arg-pNA acetate
Cat. No.: GC81454

Chemical Properties

Cas. No.

Formula	$C_{19}H_{30}N_8O_5 \cdot xC_2H_4O_2$	M.Wt	450.49
Solubility	H_2O: ≥ 100 mg/mL	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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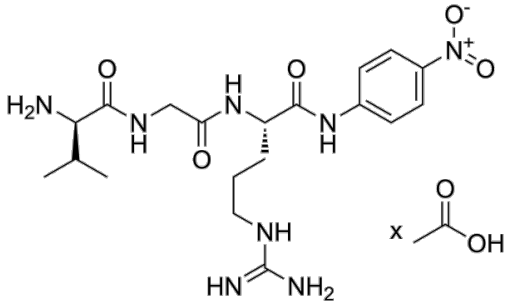
Structure



Background

D-Val-Gly-Arg-pNA acetate is a chromogenic substrate of TPA (tissue plasminogen activator). D-Val-Gly-Arg-pNA can be used to detect the amidolytic activity of TPA I and TPA II [1].

References:
[1]. M Rånby, N Bergsdorf, et al. Enzymatic properties of the one- and two-chain form of tissue plasminogen activator. Thromb Res. 1982 Jul 15;27(2):175-83.

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