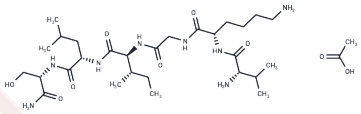
Data Sheet (Cat.No.T21699L)

TargetMol

VKGILS-NH2 Acetate

Chemical Properties



CAS No. :

Formula: C30H58N8O9

Molecular Weight: 674.83

Storage: Keep away from moisture
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	VKGILS-NH2 Acetate is a reversed amino acid sequence control peptide for SLIGKV-NH2, a protease-activated receptor 2 (PAR2) agonist.
Targets(IC50)	Protease-activated Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (81.5 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4819 mL	7.4093 mL	14.8185 mL
5 mM	0.2964 mL	1.4819 mL	2.9637 mL
10 mM	0.1482 mL	0.7409 mL	1.4819 mL
50 mM	0.0296 mL	0.1482 mL	0.2964 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

M Tognetto, et al. Evidence That PAR-1 and PAR-2 Mediate Prostanoid-Dependent Contraction in Isolated Guinea-Pig Gallbladder. Br J Pharmacol. 2000 Oct;131(4):689-94.
David A Vesey, et al. Proinflammatory and Proliferative Responses of Human Proximal Tubule Cells to PAR-2 Activation. Am J Physiol Renal Physiol. 2007 Nov;293(5):F1441-9.

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