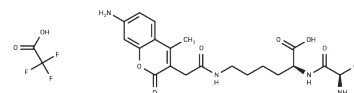


D-Ala-Lys-AMCA TFA (375822-19-8 free base)

Chemical Properties

CAS No. :	T18958
Formula:	C ₂₃ H ₂₉ F ₃ N ₄ O ₈
Molecular Weight:	546.49
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	D-Ala-Lys-AMCA TFA is a known substrate of proton-coupled oligopeptide transporter 1 (PEPT1) that emits blue fluorescence. D-Ala-Lys-AMCA TFA may be transported into Caco-2 cells and liver cancer cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8299 mL	9.1493 mL	18.2986 mL
5 mM	0.366 mL	1.8299 mL	3.6597 mL
10 mM	0.183 mL	0.9149 mL	1.8299 mL
50 mM	0.0366 mL	0.183 mL	0.366 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.

Reference

Gong Y, et al. Specific expression of proton-coupled oligopeptide transporter 1 in primary hepatocarcinoma-anovel strategy for tumor-targeted therapy. Oncol Lett. 2017 Oct;14(4):4158-4166.

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