

D-Ala-Lys-AMCA TFA

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from direct sunlight
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	D-Ala-Lys-AMCA TFA is a proton-coupled oligopeptide transporter 1 (PEPT1) substrate known for emitting blue fluorescence. Fluorescence analysis has shown that this compound can be transported into liver cancer cells and Caco-2 cells. It is useful for characterizing PEPT1-specific substrates or inhibitors [1] [2].
Targets(IC50)	Others
In vitro	D-Ala-Lys-AMCA at concentrations of 25, 50, and 150 μ M for a duration of three hours facilitates the transport of TFA to hepatocarcinoma and Caco-2 cells [1].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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