

## LDV-FITC TFA

## Chemical Properties

CAS No. :

Formula: C<sub>69</sub>H<sub>81</sub>N<sub>11</sub>O<sub>17</sub>S.xC<sub>2</sub>H<sub>2</sub>F<sub>3</sub>O<sub>2</sub>

Molecular Weight:

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	LDV-FITC TFA is a fluorescent peptide, specifically an FITC-conjugated LDV peptide. This compound binds to the $\alpha$ 4 $\beta$ 1 integrin with high affinity, displaying a K <sub>d</sub> of 0.3 nM in the presence of Mn <sup>2+</sup> and 12 nM in its absence, when binding to U937 cells. LDV-FITC TFA is useful for assessing $\alpha$ 4 $\beta$ 1 integrin affinity.
Targets(IC50)	Integrin

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