

Ac2-12 TFA

Chemical Properties

CAS No. :

Formula:

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	Ac2-12 TFA, an annexin/lipocortin 1 (LC1)-mimetic peptide, inhibits neutrophil extravasation and demonstrates antimigratory effects by attenuating the recruitment of neutrophils in experimental models of inflammation [1] [2].
In vivo	Ac2-12 TFA, administered intravenously at a dosage of 6.7 mg/kg (approximately 70 nmol per mouse), emulates the effects of lipocortin 1 (LC1) and Ac2-26 in male Swiss Albino mice weighing 10-15 grams [1]. Furthermore, a 100 µg dose notably diminishes polymorphonuclear leukocyte (PMN) infiltration in C57BL/6 wild-type mice, while it lacks efficacy in FPR knockout (KO) mice [2].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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