



Ac2-26 (human) (ammonium salt)

Cat No: 34429 - 1 mg

General Data

Shipping: dry ice

Formulation: A solid

Purity: ≥90%

Ac—Ala—Met—Val—Ser—Glu—Phe—Leu—Lys—Gln—Ala—
Trp—Phe—Ile—Glu—Asn—Glu—Glu—Gln—Glu—Tyr—
Val—Gln—Thr—Val—Lys—OH
• NH₄⁺

Product Overview

Ac2-26 is an annexin A1-mimetic peptide that corresponds to amino acids 2-26 of the N-terminus in annexin A1.^{57827} It binds to HEK293 cells expressing human formyl peptide receptor 1 (FPR1) or FPR2, also known as FPR-like 1 (FPRL1; EC50s = 1.4 and 1.8 μM, respectively, in a radioligand binding assay), as well as inhibits polymorphonuclear leukocyte (PMN) rolling over TNF-α-stimulated human umbilical vein endothelial cells (HUVECs) when used at concentrations of 10 and 30 μM. Ac2-26 (10 and 100 μg/ml) inhibits LPS-induced production of prostaglandin E2 (PGE2; Item No. 14010) and nitric oxide (NO) in rat microglial cells.^{57828} It decreases pulmonary edema in a rat model of ventilator-induced ischemia-reperfusion injury when administered at doses of 0.5 and 1 mg/kg.^{57829}

FP/24/24

For research laboratory use only – Not for human diagnostic use.

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