Product Data Sheet

Product Name: ATN-161 trifluoroacetate salt
CAS No.: 904763-27-5
Cat. No.: HY-13535A
MWt: 711.67
Formula: C25H36F3N9O10S
Purity : >98%
Solubility: DMSO < 10 mg/ml

Mechanisms:
Pathways: Others; Target: Integrin

Biological Activity:
ATN-161 trifluoroacetate salt (Ac-PHSCN-NH2 trifluoroacetate salt) is a five-amino-acid peptide derived from the synergy region of fibronectin, a beta integrin antagonist with antitumor activity.
IC50 value:
Target: Integrin antagonist
in vitro: ATN-161 inhibited VEGF-induced migration and capillary tube formation in hCECs, but did not inhibit proliferation [2].
in vivo: Murine colon cancer cells (CT26) were injected into spleens of BALB/c mice to produce liver metastases. Four days thereafter, mice were given either ATN-161 (100 mg/kg, every 3rd day) or saline by intraperitoneal injection, with or without combination of continuous-infusion 5-FU (100 mg/kg/2 weeks), which was started on day 7. On day 20 after tumor cell inoculation, mice were killed and liver weights and number of liver metastases were determined [1]. ATN-161 after laser photoocoagulation inhibited C...

References:

Caution: Not fully tested. For research purposes only

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