

For Research Use Only

Bax inhibitor peptide V5 acetate



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Catalog Number: CM13647

产品信息

Catalog Number:
CM13647

CAS号:
T10463L

分子式:
C₂₉H₅₄N₆O₈S

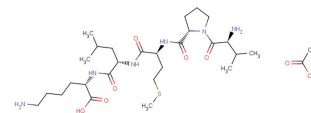
主要靶点:
Apoptosis

主要通路:
凋亡

分子量:
646.85

溶解度:

DMSO:100 mg/mL (170.42 mM), H₂O:100 mg/mL (170.42 mM), Sonification is recommended.



体外活性

Bax inhibitor peptide V5 (BIP-V5; 0-50 μ M) decreases cell death in STF-cMyc cells but not in SW620 or NCI-H23 cells.[1]. V5 treatment upregulates expression of anti-apoptotic proteins Bcl-2 and XIAP by more than 3- and 11-fold and downregulates expression of apoptosis-inducing proteins Bax, Bad, and nuclear factor- κ B-p65 by 10, 30, and nearly 50%, respectively[2].

体内活性

Bax inhibitor peptide V5 (BIP-V5; 100 μ M) significantly improves islet function following isolation and improves islet graft function following transplantation in mice model[2].

描述

Bax inhibitor peptide V5 (BIP-V5) is a Bax-mediated apoptosis inhibitor, used for cancer treatment.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years

For technical support and original validation data for this product please contact

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