

Bax inhibitor peptide V5

Catalog No: tcsc5509



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg



Specifications

CAS No:

579492-81-2

Formula:

$C_{27}H_{50}N_6O_6S$

Pathway:

Apoptosis

Target:

Bcl-2 Family

Form:

White to off-white solid

Purity / Grade:

>99.62%

Solubility:

DMSO : ≥ 30 mg/mL (51.13 mM)

Storage Instruction:

Powder: -80°C 2 years -20°C for 1 year In solvent -80°C for 6 months -20°C for 1 month

Alternative Names:

BIP-V5;BAX Inhibiting Peptide V5

Observed Molecular Weight:

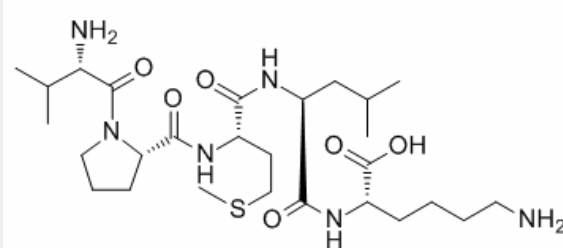
586.79

Product Description

Bax inhibitor peptide V5 is a **Bax**-mediated apoptosis inhibitor, used for cancer treatment.

In Vitro: Bax inhibitor peptide V5 (0-50 μ M) reduces cell death in STF-cMyc cells but not in SW620 or NCI-H23 cells. BIPV5 does not result in any significant effect on cell cycle arrest at the G2/M phase. 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.

In Vivo: V5 (100 μ M) significantly improves islet function following isolation and improves islet graft function following transplantation in mice model.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!