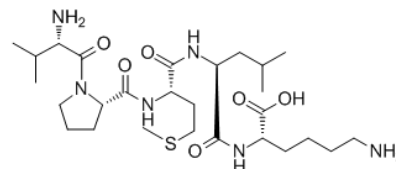


Product Name : Bax inhibitor peptide V5
Cat. No. : PC-47486
CAS No. : 579492-81-2
Molecular Formula : C₂₇H₅₀N₆O₆S
Molecular Weight : 586.7875
Target : Bcl-2
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

A cell-permeable synthetic peptide inhibitor of Bax conformational change and mitochondrial translocation; inhibits Bax-mediated apoptosis in vitro; inhibit anti-cancer drug-induced apoptosis in vitro; 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-kappaB-p65 by 10, 30, and nearly 50%, respectively, on pancreatic islets in a mouse model.

References

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Rivas-Carrillo JD, et al. Diabetes. 2007 May;56(5):1259-67.
Yoshida T, et al. Biochem Biophys Res Commun. 2004 Sep 3;321(4):961-6.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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