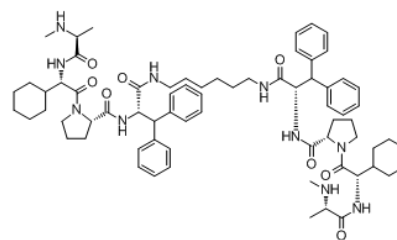


Product Name : BV6
Cat. No. : PC-45046
CAS No. : 1001600-56-1
Molecular Formula : C₇₀H₉₆N₁₀O₈
Molecular Weight : 1205.573
Target : IAP
Solubility : DMSO: ≥ 58 mg/mL



Biological Activity

BV6 is a small molecule, bivalent **IAP** antagonist that binds to the c-IAP1 and XIAP BIR2-BIR3 domains with K_d of 0.46 and 0.029 nM, respectively.

BV6 treatment results in dramatic induction of auto-ubiquitination activity and rapid proteasomal degradation of c-IAPs.

BV6 also induces TNF α -dependent cell death, exhibits single-agent cell killing activity in EVSA-T cell line (IC₅₀=14 nM).

References

Varfolomeev E, et al. *Cell*. 2007 Nov 16;131(4):669-81.

Vanlangenakker N, et al. *Cell Death Differ*. 2011 Apr;18(4):656-65.

Schirmer M, et al. *Cell Death Dis*. 2016 Jan 14;7:e2052.

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

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