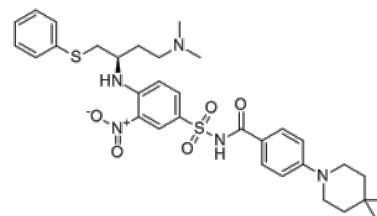


Product Name : A-385358
Cat. No. : PC-62306
CAS No. : 406228-55-5
Molecular Formula : C₃₂H₄₁N₅O₅S₂
Molecular Weight : 639.83
Target : Bcl-2
Solubility : 10 mM in DMSO



Biological Activity

A-385358 is a potent, selective, cell-permeable **Bcl-XL** inhibitor with K_i of 0.8 nM, displays >80-fold selectivity over Bcl-2 (K_i=64 nM).

A-385358 shows relatively modest single-agent cytotoxic activity against most tumor cell lines with an EC₅₀ of <500 nM in cells dependent on Bcl-X(L) for survival.

A-385358 enhances the in vitro cytotoxic activity of numerous chemotherapeutic agents; significantly inhibits tumor growth in the A549 xenograft model.

References

Wendt MD, et al. *J Med Chem*. 2006 Feb 9;49(3):1165-81.

Shoemaker AR, et al. *Cancer Res*. 2006 Sep 1;66(17):8731-9.

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

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