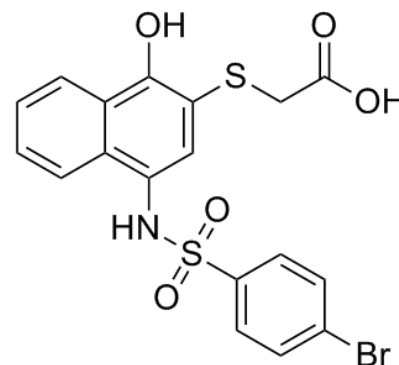


Product Name : UMI-77
Cat. No. : PC-45490
CAS No. : 518303-20-3
Molecular Formula : C₁₈H₁₄BrNO₅S₂
Molecular Weight : 468.3415
Target : Bcl-2
Solubility : DMSO: ≥ 28 mg/mL



Biological Activity

A potent and selective Mcl-1 inhibitor with K_i of 0.49 μM; displays >10 fold selectivity against Bcl-w, Bfl-1, Bcl-xL and Bcl-2; inhibits cell growth and induces apoptosis in pancreatic cancer cells; blocks the heterodimerization of Mcl-1/Bax and Mcl-1/Bak in cells; inhibits tumor growth in BxPC-3 xenograft model.

References

- Abulwerdi F, et al. Mol Cancer Ther. 2014 Mar;13(3):565-75.
Mohammad RM, et al. Semin Cancer Biol. 2015 Dec;35 Suppl:S78-103.
Korfi K, et al. Cell Death Dis. 2016 Apr 7;7:e2177.

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

E-mail: tech@probechem.com