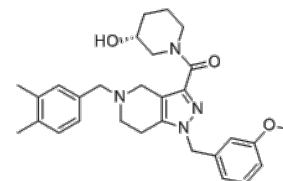


Product Name : Bax activator compound 106
Cat. No. : PC-60922
CAS No. : 1638526-94-9
Molecular Formula : C₂₉H₃₆N₄O₃
Molecular Weight : 488.632
Target : Bcl-2
Solubility : 10 mM in DMSO



Biological Activity

Bax activator compound 106 (ZINC14750348) is a specific, small molecule **Bax** agonist that promotes Bax-dependent but not Bak-dependent apoptosis.

Bax activator compound 106 alters Bax protein stability in vitro and promotes the insertion of Bax into mitochondria, leading to Bax-dependent permeabilization of the mitochondrial outer membrane.

Bax activator compound 106 induces significant cell death and caspase 3/7 activation in Bax-expressing cells, inhibits the growth of transplanted tumors as a single agent.

References

Daniele S, et al. *ACS Chem Neurosci*. 2017 Apr 11. doi: 10.1021/acscchemneuro.7b00023.

Zhao G, et al. *Mol Cell Biol*. 2014 Apr;34(7):1198-207.

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

E-mail: tech@probechem.com