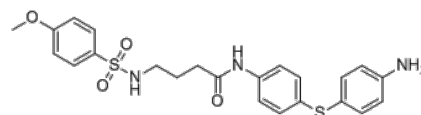


Product Name : BI-6c9
Cat. No. : PC-49740
CAS No. : 791835-21-7
Molecular Formula : C₂₃H₂₅N₃O₄S₂
Molecular Weight : 471.59
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

BI-6C9 is a specific small molecule inhibitor of BH3 interacting-domain death agonist (**Bid**) with K_d of 20 uM, blocks the release of both cytochrome c and second mitochondria-derived activator of caspase from mitochondria.

BI-6C9 (10 μM) also inhibits the nuclear translocation of apoptosis-inducing factor AIF, preventing the death of ovarian OVCAR-3 cancer cells induced by IFN-α2a.

BI-6C9 prevents apoptosis in neurons treated with glutamate or oxygen-glucose deprivation.

BH3 interacting domain death agonist (Bid), a substrate of caspase-8, is activated in the Fas/Apo-1 (CD95), tumor necrosis factor (TNF)-α, and tumor necrosis factor related apoptosis-inducing ligand (TRAIL) receptor-mediated cell death.

References

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

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