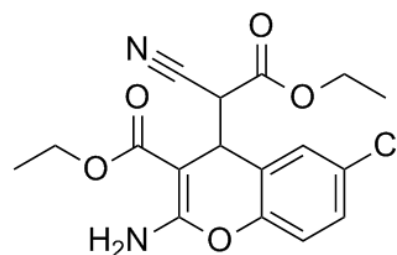


Product Name : SC-79
Cat. No. : PC-45548
CAS No. : 305834-79-1
Molecular Formula : C₁₇H₁₇ClN₂O₅
Molecular Weight : 364.7803
Target : Akt
Solubility : 10 mM in DMSO



Biological Activity

A unique specific Akt activator; binds to the PH domain of Akt and inhibits Akt membrane translocation, but paradoxically activates Akt in the cytosol; induces the p-Akt (Ser473) expression and significantly increases the expression of Bcl-2 and p-GSK-3 β (Ser9), decreases the protein levels of Bax, cytoplasm cytochrome C, and cleaved caspase-3; augments neuronal survival in mouse model for ischemic stroke.

References

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Zhang D, et al. ACS Chem Neurosci. 2016 Jun 15;7(6):710-8.
Hao S, et al. Molecules. 2016 Mar 10;21(3):325.

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

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