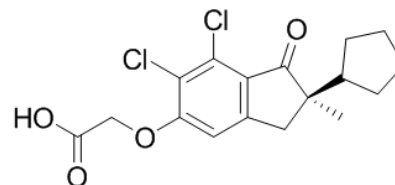


Product Name : IAA-94
Cat. No. : PC-43155
CAS No. : 54197-31-8
Molecular Formula : C₁₇H₁₈Cl₂O₄
Molecular Weight : 357.2284
Target : Chloride Channel
Solubility : 10 mM in DMSO



Biological Activity

IAA-94 is an indanyloxyacetic acid (IAA) inhibitor of epithelial **chloride channels** that binds channels in bovine kidney cortex microsomes with K_i of 1 μM.

IAA-94 significantly suppresses IGF-I-induced VSMC proliferation, also blocks cell swelling evoked glutamate release from primary microglia and MLS-9 cells.

IAA-94 effectively reduces IFNγ-induced NO production in microglial BV2 cells.

References

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Cheng G, et al. *Cardiovasc Res.* 2007 Jan 1;73(1):198-207.

Schlichter LC, et al. *Channels (Austin).* 2011 Mar-Apr;5(2):128-37.

Kjaer K, et al. *Brain Res.* 2009 Jul 24;1281:15-24.

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

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