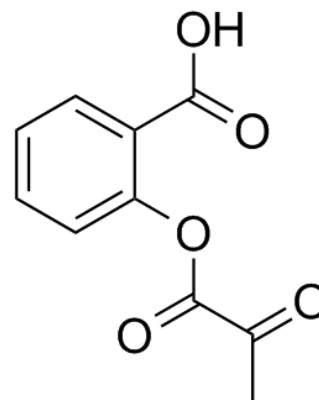


Product Name : OBA-09
Cat. No. : PC-43251
CAS No. : 856095-68-6
Molecular Formula : C₁₀H₈O₅
Molecular Weight : 208.1675
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

OBA-09 is a simple ester of pyruvate and salicylic acid, main metabolites of pyruvate and aspirin, respectively, exerts robust neuroprotective effect in the postischemic brain in vivo.

OBA-09 is designed to incorporate pyruvate and salicylic acid and to release them slowly in vivo via ester hydrolysis.

OBA-09 exhibits antioxidative effects in the postischemic brain, also exerts anti-excitotoxic and anti-Zn(2+)-toxic functions.

OBA-09 has a potent therapeutic potential as a multimodal neuroprotectant in the postischemic brain.

References

Kim SW, et al. *Mol Pharmacol*. 2011 Feb;79(2):220-8.

Lee HK, et al. *Brain Res*. 2013 Aug 28;1528:68-79.

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

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