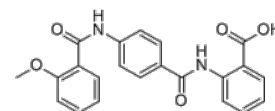


Product Name : EG1
Cat. No. : PC-62416
CAS No. : 693241-54-2
Molecular Formula : C₂₂H₁₈N₂O₅
Molecular Weight : 390.395
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Pax2 inhibitor EG1 (EG1) is a potent, small molecule inhibitor of **Pax2** mediated transcription activation, effectively blocks Pax2 activity and DNA binding with K_d of 1.35-1.5 μM.

EG1 inhibits Pax2 mediated expression with IC₅₀ of 10 μM, and inhibits proliferation of Pax2 positive renal and ovarian cancer cell lines but has little effect on Pax2 negative cancer cells.

EG1 inhibits embryonic kidney development.

References

Grimley E, et al. *ACS Chem Biol.* 2017 Mar 17;12(3):724-734.

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

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