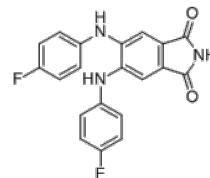


Product Name : CGP-53353
Cat. No. : PC-62077
CAS No. : 145915-60-2
Molecular Formula : C₂₀H₁₃F₂N₃O₂
Molecular Weight : 365.34
Target : PKC
Solubility : 10 mM in DMSO



Biological Activity

CGP-53353 (DAPH-7) is a selective inhibitor of **PKCβII** with IC₅₀ of 0.41 μM, shows weak activity on PKCβI with IC₅₀ of 3.8 μM.

CGP-53353 also inhibits prionogenic Sup35 fibrillization (IC₅₀= 3.4 μM) and inhibits de novo Aβ₄₂ assembly in vitro.

References

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Wang H, et al. *Proc Natl Acad Sci U S A*. 2008 May 20;105(20):7159-64.

Chalfant CE, et al. *Mol Endocrinol*. 1996 Oct;10(10):1273-81.

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

E-mail: tech@probechem.com