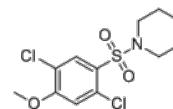


Product Name : AA 41612
Cat. No. : PC-62204
CAS No. : 433690-62-1
Molecular Formula : C₁₂H₁₅Cl₂NO₃S
Molecular Weight : 324.216
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

AA41612 is a selective and competitive **OPN4 (melanopsin)** antagonist with IC₅₀ of 15.8 nM.

AA41612 attenuated melanopsin photocurrent in a dose-dependent manner, inhibited melanopsin photoresponses without inhibiting rod/cone function.

AA41612 reversibly attenuated melanopsin-mediated photoresponses.

References

Jones KA, et al. Nat Chem Biol. 2013 Oct;9(10):630-5.

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

E-mail: tech@probechem.com