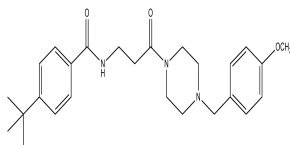


PRODUCT: Compound 112254**ALTERNATE NAME:** 4-(tert-Butyl)-N-(3-(4-(4-methoxybenzyl)piperazin-1-yl)-3-oxopropyl)benzamide**CATALOG #:** 2573-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₆H₃₅N₃O₃**MOLECULAR WEIGHT:** 437.57**CAS No.** N/A**APPEARANCE:** White solid**SOLUBILITY:** DMSO or EtOH**PURITY:** ≥98% by NMR**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** An adiponectin receptor (AdipoR) agonist. Binds to AdipoR1 and AdipoR2 less potent than AdipoRon (Cat. Nos. 2565 & 2572). Activates 5'-adenosine monophosphate-activated protein kinase (AMPK) in cultured mammalian cells. Improves diabetes, glucose and lipid metabolism and insulin sensitivity in cultured cells and in mice by AdipoR-dependent mechanisms.**REFERENCES:** Okada-Iwabu, M., *et al.* (2013). *Nature* **503**, 493-499.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Adiponectin, human recombinant (Cat. No. 4901-25, -100, -1000)
Adiponectin, murine recombinant (Cat. No. 4902-25, -100, -1000)
Adiponectin, rat recombinant (Cat. No. 4903-25, -100, -1000)
gAcrp30/Adiponectin, human recombinant (Cat. No. 4591-25, -100, -1000)
gAcrp30/Adiponectin, murine recombinant (Cat. No. 4592-25, -100, -1000)
gAcrp30/Adiponectin, rat recombinant (Cat. No. 4593-25, -100, -1000)
Adiponectin Antibody (Cat. No. 5901-50, -250)
Adiponectin Antibody (Cat. No. 5902-50, -250)
Adiponectin Antibody (Cat. No. 5903-50, -250)
Adiponectin Antibody (Clone MAD1-1147) (Cat. No. 5900-50)
Adiponectin (human) Elisa Assay Kit (Cat. No. K4901-100)
Adiponectin (mouse) Elisa Assay Kit (Cat. No. K4902-100)
Adiponectin (rat) Elisa Assay Kit (Cat. No. K4903-100)
AdipoRon (Cat. No. 2565-5, 25)
AdipoRon hydrochloride (Cat. No. 2572-5, 25)

USAGE: FOR RESEARCH USE ONLY! Not to be used in humans.