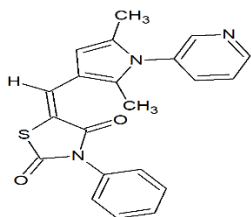


iCRT14

ALTERNATE NAME: Wnt inhibitor
iCRT 14
5-[[2,5-dimethyl-1-(3-pyridinyl)-1H-pyrrol-3-yl]methylene]-3-phenyl-2,4-thiazolidinedione
iCRT-14

CATALOG #: B2562-5 5 mg
B2562-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₁₇N₃O₂S

MOLECULAR WEIGHT: 375.45

CAS NUMBER: 677331-12-3

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: ~2 mg/ml DMSO

DESCRIPTION: iCRT14 is a potent potent inhibitor of β-catenin-responsive transcription (CRT) that inhibits Wnt signaling in a reporter assay in vitro (IC₅₀ = 40.3 nM). It inhibits the interaction between β-catenin and T cell factor 4 (Tcf4) in quantitative reporter assays of β-catenin/Tcf4 binding (K_i = 53.51 μM). It inhibits Notch, hedgehog (Hh), and JAK/STAT signaling in reporter assays with IC₅₀ values of 69.2, 194, and 70 nM, respectively.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

IWP-2 (1962)
IWP-3 (2349)
CRT Inhibitor, iCRT5 (1896)
LGK974 (2645)
IWP-4 (2650)

DISCLAIMER: ***FOR RESEARCH USE ONLY! Not to be used on humans.***