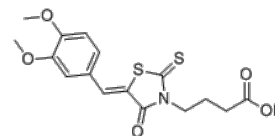


Product Name : iCRT5
Cat. No. : PC-62165
CAS No. : 18623-44-4
Molecular Formula : C₁₆H₁₇NO₅S₂
Molecular Weight : 367.44
Target : Beta-catenin
Solubility : 10 mM in DMSO



Biological Activity

iCRT5 is a selective, cell-permeable **β-catenin responsive transcription** (CRT) inhibitor with IC₅₀ of 18 nM.

iCRT5 specifically modulates the nuclear transcriptional activity of β-catenin while not affecting its cytoskeletal function in stabilizing adherens junctions at the cell membrane.

iCRT5 blocks Wnt/β-catenin-induced target genes and phenotypes in various mammalian and cancer cell lines.

References

Gonsalves FC, et al. *Proc Natl Acad Sci U S A*. 2011 Apr 12;108(15):5954-63.

Anastas JN, et al. *Nat Rev Cancer*. 2013 Jan;13(1):11-26.

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

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