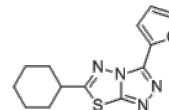


Product Name : Cardionogen 1
Cat. No. : PC-62447
CAS No. : 577696-37-8
Molecular Formula : C₁₃H₁₄N₄OS
Molecular Weight : 274.342
Target : Wnt
Solubility : 10 mM in DMSO



Biological Activity

Cardionogen 1 (CDNG1/vuc230, Cardionogen-1) is a small molecule that promotes cardiomyocyte generation by modulating **Wnt signaling**.

Cardionogen 1 inhibits Wnt/ β -catenin-dependent transcription in murine ES cells and zebrafish embryos.

Cardionogen 1 rescues Wnt8-induced cardiomyocyte deficiency and heart-specific phenotypes during development.

References

Ni TT, et al. **Chem Biol.** 2011 Dec 23;18(12):1658-68.

Yan C, et al. **Sci Rep.** 2017 Apr 5;7:45796.

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

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