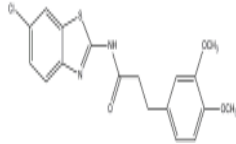


PRODUCT: KY02111**ALTERNATE NAME:** N-(6-Chloro-2-benzothiazolyl)-3,4-dimethoxybenzenepropanamide**CATALOG #:** 2264-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₁₇ClN₂O₃S**MOLECULAR WEIGHT:** 376.86**CAS NUMBER:** 1118807-13-8**APPEARANCE:** Pale yellow solid**SOLUBILITY:** DMSO (~ 50 mM)**PURITY:** ≥98% by HPLC**STORAGE:** At -20°C. Protect from light and moisture**DESCRIPTION:** Promotes cardiac differentiation of human pluripotent stem cells (hPSCs) and human embryonic stem cells (hESCs) into cardiomyocytes. KY02111 promotes differentiation by inhibiting WNT signaling in hPSCs but in a manner that is distinct from that of previously studied WNT inhibitors.**REFERENCE:** Minami, I., *et al.* (2012). *Cell Rep.* **2**, 1448-1460.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

CRT Inhibitor, iCRT5 (Cat. No. 1896-5, 25)

IQ-1 (Cat. No. 1663-1)

IWP-2 (Cat. No. 1962-5, 25)

QS-11 (Cat. No. 1680-5)

Wnt antagonist, C59 (Cat. No. 2063-1, 5)

Wnt-1 Antibody (Cat. No. 3571-100)

Wnt-1 Antibody (Cat. No. 5754-100)

Wnt-1, human recombinant (Cat. No. 4754-10, 5-0, 1000)

Wnt-2 Antibody (Cat. No. 3572R-100)

Wnt-4 Antibody (Cat. No. 3574R-100)

Wnt-6 Antibody (Cat. No. 3570-100)

XAV939 (Cat. No. 1727-1)

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