



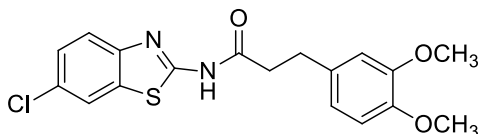
Catalog # 10-1437

KY-02111

CAS# 1118807-13-8

N-(6-Chloro-2-benzothiazolyl)-3,4-dimethoxybenzenepropanamide

Lot # S101042



Promotes cardiac differentiation of human pluripotent stem cells. Inhibits Wnt signaling in a manner that appears to be distinct from previously described Wnt inhibitors.¹ Cell permeable and active *in vivo*.

1. Minami *et al.* (2012), *A small molecule that promotes cardiac differentiation of human pluripotent stem cells under defined, cytokine- and xeno-free conditions*; Cell Rep., 2 1448

PHYSICAL DATA

Molecular Weight: 376.86
Molecular Formula: C₁₈H₁₇ClN₂O₃S
Purity: 98% by TLC
NMR: (Conforms)
Solubility: DMSO (up to 40 mg/ml) or Ethanol (up to 5 mg/ml with warming)
Physical Description: White solid
Storage and Stability: Store as supplied at room temperature for up to 2 years from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462

www.focusbiomolecules.com