

KY-02111, Wnt pathway inhibitor

Catalog	Unit
TBI1437-5MG	5 mg
TBI1437-25MG	25 mg

Product Details

Formal Name: N-(6-Chloro-2-benzothiazolyl)-3,4-dimethoxybenzenepropanamidethoxybenzenepropanamide

Molecular Formula: C₁₈H₁₇ClN₂O₃S

Formula Weight: 376.86

CAS Number: 1118807-13-8

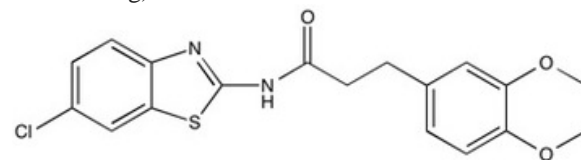
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 5 mg/ml with warming).

Storage: RT

Stability: ≥ 2 years.



Applications

Wnt pathway inhibitor

Functions

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

Application Procedures

First dissolved in DMSO (up to 40 mg/ml) or in Ethanol (up to 5 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 3 months.

For research use only.