

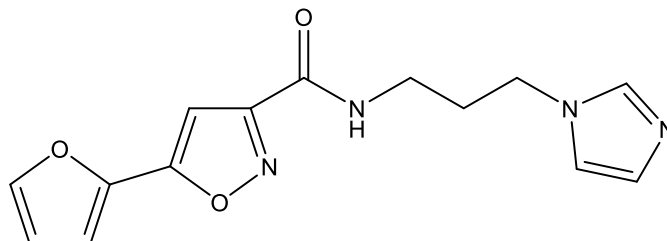
Catalog #10-4379

SKL2001

CAS# 909089-13-0

5-(Furan-2-yl)-N-(3-imidazol-1-ylpropyl)-1,2-oxazole-3-carboxamide

Lot # FBS4031



SKL2001 is a Wnt/ β -catenin pathway activator that disrupts the Axin/ β -catenin interaction leading to β -catenin stabilization.¹ It suppressed colon cancer spheroid growth *via* regulation of the E-cadherin/ β -catenin complex.² A commonly used reagent to reactivate or rescue the Wnt/ β -Catenin signaling pathway.^{3,4}

- 1) Gwak *et al.* (2012), *Small molecule-based disruption of the Axin/ β -catenin protein complex regulates mesenchymal stem cell differentiation*; Cell Res. **22** 237
- 2) Ohashi *et al.* (2017), *SKL2001 suppresses colon cancer spheroid growth through regulation of the E-cadherin/ β -Catenin complex*; Biochem. Biophys. Res. Commun. **493** 1342
- 3) Xiang *et al.* (2020), *Lnc GNG12-AS1 knockdown suppresses glioma progression through the AKT/GSK-3 β / β -Catenin pathway*; Biosci. Rep. **40** BSR20201578
- 4) Liu *et al.* (2022), *Daphnetin inhibits the survival of hepatocellular carcinoma cells through regulating Wnt/ β -catenin signaling pathway*; Drug Dev. Res. **83** 952

PHYSICAL DATA

Molecular Weight:	286.29
Molecular Formula:	C ₁₄ H ₁₄ N ₄ O ₃
Purity:	>98% (HPLC)
	NMR: (Conforms)
Solubility:	DMSO (>25 mg/mL)
Physical Description:	Beige solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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