

Wnt/ β -catenin agonist 2

Cat. No.:	OB0225WX-1703
Appearance:	Solid
Purity:	$\geq 99\%$
Identity:	Confirmed by NMR, and LC-MS.
Size:	1 mg; 5 mg; 10 mg; 25 mg; 50 mg; 100 mg; 500 mg

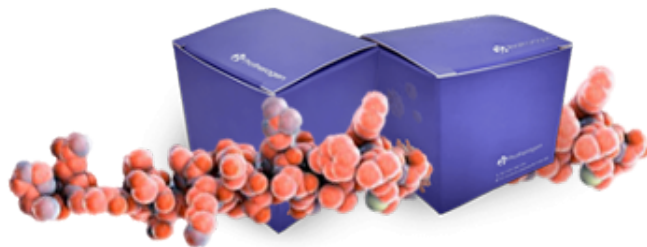
This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Wnt/ β -catenin agonist 2 is an effective chemical activator designed to stimulate Wnt/ β -catenin signaling, specifically influencing signal transduction mechanisms associated with cellular motility.
Synonym	943820-93-7; Wnt/beta-catenin agonist 2; Wnt/ β -catenin agonist 2; <i>N</i> -(2-(1H-Pyrazol-1-yl)ethyl)-5-(furan-2-yl)isoxazole-3-carboxamide; 5-(furan-2-yl)- <i>N</i> -(2-pyrazol-1-ylethyl)-1,2-oxazole-3-carboxamide; 5-(furan-2-yl)- <i>N</i> -[2-(pyrazol-1-yl)ethyl]-1,2-oxazole-3-carboxamide
CAS No.	943820-93-7
Compound CID	24740085
Formula	C ₁₃ H ₁₂ N ₄ O ₃
Formula Weight	272.26

Specification

IUPAC Name	5-(Furan-2-yl)- <i>N</i> -(2-pyrazol-1-ylethyl)-1,2-oxazole-3-carboxamide
InChI	InChI=1S/C13H12N4O3/c18-13(14-5-7-17-6-2-4-15-17)10-9-12(20-16-10)11-3-1-8-19-11/h1-4,6,8-9H,5,7H2,(H,14,18)
InChI Key	IXPRTBBVBMTJDL-UHFFFAOYSA-N
SMILES string	C1=CN(N=C1)CCNC(=O)C2=NOC(=C2)C3=CC=CO3
Stability	3 years in powder form.
Storage	Storage at -20°C.



Applications

Wnt/beta-catenin agonist 2 is applied in regenerative medicine research to study the activation of the canonical Wnt pathway and its potential in promoting tissue self-renewal.

Library Information

Target	Wnt/ β -Catenin; GSK-3
Receptor	Wnt/ β -Catenin; GSK-3
Pathways	Cytoskeletal signaling; Stem cells; PI3K/Akt/mTOR signaling
Plate Number	AOCL-22
Plate Location	g8
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	55 mg/mL; 202.01 mM