



ETC-159

Cat. No.:	OB0225WX-1620
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, and LC-MS.
Size:	5 mg; 10 mg; 25 mg; 50 mg; 100 mg

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

Product Overview

Description	ETC-159 is an orally available small molecule that potently inhibits PORCN, resulting in the suppression of β -catenin reporter activity with an IC ₅₀ of 2.9 nM.
Synonym	ETC159; ETC-1922159; ETC 159; 1638250-96-0; 2-(1,3-dimethyl-2,6-dioxopurin-7-yl)-N-(6-phenylpyridazin-3-yl)acetamide; 2-(1,3-Dimethyl-2,6-dioxo-1,2,3,6-tetrahydro-7H-purin-7-yl)-N-(6-phenylpyridazin-3-yl)acetamide; 7H-Purine-7-acetamide, 1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxo-N-(6-phenyl-3-pyridazinyl)-; 2-(1,3-dimethyl-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-7-yl)-N-(6-phenylpyridazin-3-yl)acetamide
CAS No.	1638250-96-0
Compound CID	86280523
Formula	C ₁₉ H ₁₇ N ₇ O ₃
Formula Weight	391.38

Specification

Targets&IC50	β -catenin: 2.9 nM
Relative Density	1.47 g/cm ³
IUPAC Name	2-(1,3-Dimethyl-2,6-dioxopurin-7-yl)-N-(6-phenylpyridazin-3-yl)acetamide
InChI	InChI=1S/C19H17N7O3/c1-24-17-16(18(28)25(2)19(24)29)26(11-20-17)10-15(27)21-14-9-8-13(22-23-14)12-6-4-3-5-7-12/h3-9,11H,10H2,1-2H3,(H,21,23,27)
InChI Key	QTRXIFVSTWXRJJ-UHFFFAOYSA-N



SMILES string	<chem>CN1C2=C(C(=O)N(C1=O)C)N(C=N2)CC(=O)NC3=NN=C(C=C3)C4=CC=CC=C4</chem>
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	ETC-159 is employed in advanced oncological research as an orally bioavailable P orcupine inhibitor to examine its efficacy in treating Wnt-dependent tumors and modulating the tumor microenvironment.

Library Information

Target	Wnt/β-catenin; Porcupine
Receptor	Porcn; Wnt; β-Catenin
Pathways	Stem cells; Cytoskeletal signaling
Plate Number	AOCL-21
Plate Location	g5
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	55 mg/mL; 140.53 mM