

SEN461

Chemical Properties

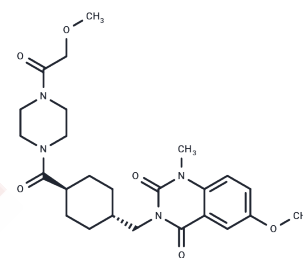
CAS No. : 1287727-28-9

Formula: C₂₅H₃₄N₄O₆

Molecular Weight: 486.56

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	SEN461 is a wnt inhibitor.
Targets(IC50)	Others,Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0552 mL	10.2762 mL	20.5524 mL
5 mM	0.411 mL	2.0552 mL	4.1105 mL
10 mM	0.2055 mL	1.0276 mL	2.0552 mL
50 mM	0.0411 mL	0.2055 mL	0.411 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Nencini A, Pratelli C, Quinn JM, Salerno M, Tunici P, De Robertis A, Valensin S, Mennillo F, Rossi M, Bakker A, Benicchi T, Cappelli F, Turlizzi E, Nibbio M, Caradonna NP, Zanelli U, Andreini M, Magnani M, Varrone M. Structure-activity relationship and properties optimization of a series of quinazoline-2,4-diones as inhibitors of the canonical Wnt pathway. *Eur J Med Chem.* 2015 May 5;95:526-45. doi: 10.1016/j.ejmech.2015.03.055. Epub 2015 Mar 25. PubMed PMID: 25847770.

De Robertis A, Mennillo F, Rossi M, Valensin S, Tunici P, Mori E, Caradonna N, Varrone M, Salerno M. Human Sarcoma growth is sensitive to small-molecule mediated AXIN stabilization. *PLoS One.* 2014 May 19;9(5):e97847. doi: 10.1371/journal.pone.0097847. eCollection 2014. PubMed PMID: 24842792; PubMed Central PMCID: PMC4026528.

De Robertis A, Valensin S, Rossi M, Tunici P, Verani M, De Rosa A, Giordano C, Varrone M, Nencini A, Pratelli C, Benicchi T, Bakker A, Hill J, Sangthongpitag K, Pendharkar V, Liu B, Ng FM, Then SW, Jing Tai S, Cheong SM, He X, Caricasole A, Salerno M. Identification and characterization of a small-molecule inhibitor of Wnt signaling in glioblastoma cells. *Mol Cancer Ther.* 2013 Jul;12(7):1180-9. doi: 10.1158/1535-7163.MCT-12-1176-T. Epub 2013 Apr 25. PubMed PMID: 23619303; PubMed Central PMCID: PMC3707945.

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