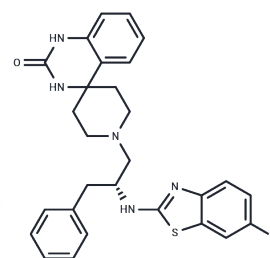


(R)-NVS-ZP7-4

Chemical Properties

CAS No. : 2517682-14-1
 Formula: C₂₈H₂₈FN₅O₅
 Molecular Weight: 501.62
 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	(R)-NVS-ZP7-4 is the R-isomer of NVS-ZP7-4, a Zinc transporter SLC39A7 (ZIP7) inhibitor and the first reported chemical tool to explore the effects of modulating ER zinc levels and investigate ZIP7 as a novel druggable node in the Notch pathway.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9935 mL	9.9677 mL	19.9354 mL
5 mM	0.3987 mL	1.9935 mL	3.9871 mL
10 mM	0.1994 mL	0.9968 mL	1.9935 mL
50 mM	0.0399 mL	0.1994 mL	0.3987 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

Nolin E, et al. Discovery of a ZIP7 inhibitor from a Notch pathway screen. Nat Chem Biol. 2019 Feb;15(2):179-188.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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