

Product Data Sheet

Product Name: NVS-ZP7-4

Cat. No.: GC34323

Chemical Properties

Cas. No. 2349367-89-9

SMILES O=C(NC12CCN(C[C@@H](NC3=NC4=CC=C(F)C=C4S3)CC5=CC=CC=C5)CC2)NC6=C1C=CC=C6

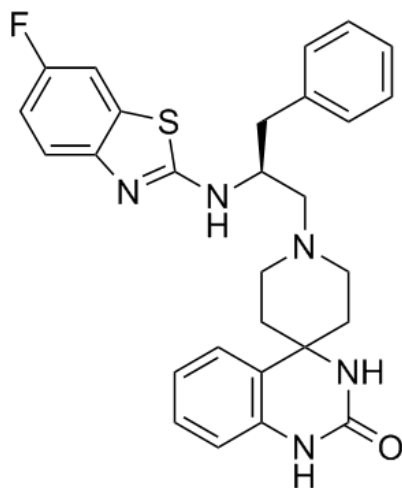
Formula C28H28FN5OS M.Wt 501.62

Solubility DMSO : ≥ 125 mg/mL (249.19 mM); Water : < 0.1 mg/mL (insoluble) Storage -20°C , protect from light

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

NVS-ZP7-4 is a Zinc transporter SLC39A7 (ZIP7) inhibitor that is also the first reported chemical tool to probe the impact of modulating ER zinc levels and investigate ZIP7 as a novel druggable node in the Notch pathway.

Caution: Product has not been fully validated for medical applications. For research use only.

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NVS-ZP7-4 increases ER zinc levels, suggesting functional modulation of ZIP7[1].

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

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