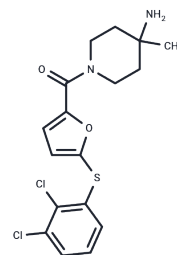


SDUY038

Chemical Properties

CAS No. : 2892720-11-3
 Formula: C₁₇H₁₈Cl₂N₂O₂S
 Molecular Weight: 385.31
 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	SDUY038 is a conformational inhibitor of SHP2, exhibiting an IC ₅₀ value of 1.2 μM and a KD value of 0.29 μM. It demonstrates broad-spectrum antitumor activity by inhibiting the expression of pERK (IC ₅₀ = 7-24 μM). The oral half-life of SDUY038 is 3.95 hours.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5953 mL	12.9766 mL	25.9531 mL
5 mM	0.5191 mL	2.5953 mL	5.1906 mL
10 mM	0.2595 mL	1.2977 mL	2.5953 mL
50 mM	0.0519 mL	0.2595 mL	0.5191 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481