

ON 108600

Chemical Properties

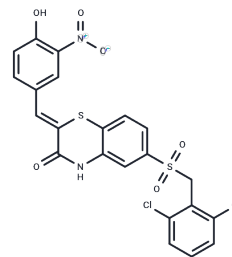
CAS No. : 1585246-23-6

Formula: C₂₂H₁₄Cl₂N₂O₆S₂

Molecular Weight: 537.39

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	ON 108600 is a chemical inhibitor targeting CK2 (Casein Kinase 2), TNIK, and DYRK1, demonstrating IC ₅₀ values of 0.016 μM and 0.007 μM for DYRK1A and DYRK1B, 0.028 μM for DYRK2, 0.05 μM and 0.005 μM for CK2α1 and CK2α2, and 0.005 μM for TNIK, respectively. This compound exhibits antitumor activity [1].
Targets(IC ₅₀)	Casein Kinase,DYRK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8608 mL	9.3042 mL	18.6085 mL
5 mM	0.3722 mL	1.8608 mL	3.7217 mL
10 mM	0.1861 mL	0.9304 mL	1.8608 mL
50 mM	0.0372 mL	0.1861 mL	0.3722 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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