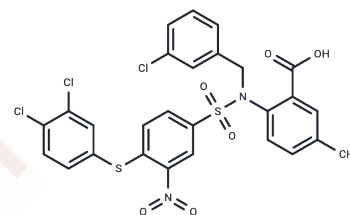


RNAP- σ interaction inhibitor-2

Chemical Properties

CAS No. : 3077454-53-3
 Formula: C₂₇H₁₉Cl₃N₂O₆S₂
 Molecular Weight: 637.939
 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	RNAP- σ interaction inhibitor-2 (compound 7d) is an inhibitor targeting the interaction between RNA polymerase and the sigma factor. It demonstrates inhibitory activity against <i>S. aureus</i> with a minimum inhibitory concentration (MIC) of 2 μ g/mL.
Targets(IC ₅₀)	Antibacterial, Antibiotic, DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5675 mL	7.8377 mL	15.6755 mL
5 mM	0.3135 mL	1.5675 mL	3.1351 mL
10 mM	0.1568 mL	0.7838 mL	1.5675 mL
50 mM	0.0314 mL	0.1568 mL	0.3135 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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