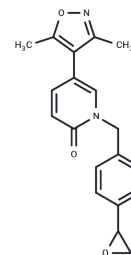


ZEN-3219

Chemical Properties

CAS No. : 1952264-34-4
 Formula: C₁₉H₁₈N₂O₃
 Molecular Weight: 322.36
 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	ZEN-3219 is a BET inhibitor, which has inhibitory effect on BRD4(BD1), BRD4(BD2) and BRD4(BD1BD2). ZEN-3219 has inhibitory effect on BRD4(BD1), The IC ₅₀ values of BRD4 (BD2) and BRD4(BD1BD2) were 0.48, 0.16 and 0.47 μM, respectively. ZEN-3219 is a component of PROTAC molecule and can induce BRD4 degradation.
Targets(IC ₅₀)	Epigenetic Reader Domain

Solubility Information

Solubility	DMSO: 3.85 mg/mL (11.94 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1021 mL	15.5106 mL	31.0212 mL
5 mM	0.6204 mL	3.1021 mL	6.2042 mL
10 mM	0.3102 mL	1.5511 mL	3.1021 mL
50 mM	0.062 mL	0.3102 mL	0.6204 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

Kharenko OA, et al. Design and Characterization of Novel Covalent Bromodomain and Extra-Terminal Domain (BET) Inhibitors Targeting a Methionine. J Med Chem. 2018;61(18):8202-8211.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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