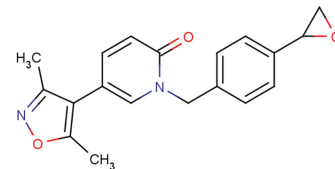


ZEN-3219

## Chemical Properties

CAS No.:	1952264-34-4
Formula:	C <sub>19</sub> H <sub>18</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	322.36
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	ZEN-3219 is an inhibitor of BET (IC <sub>50</sub> s of 0.48, 0.16 and 0.47 $\mu$ M for BRD4(BD1), BRD4(BD2) and BRD4(BD1BD2), respectively). ZEN-3219 can be used to form PROTACs to induce degradation of BRD4.
Targets(IC <sub>50</sub> )	BRD4BD1: 0.48 $\mu$ M BRD4 BD2: 0.16 $\mu$ M BRD4(BD1BD2): 0.47 $\mu$ M

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.102 mL	15.511 mL	31.021 mL
5 mM	0.62 mL	3.102 mL	6.204 mL
10 mM	0.31 mL	1.551 mL	3.102 mL
50 mM	0.062 mL	0.31 mL	0.62 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

1. Kharenko OA, et al. Design and Characterization of Novel Covalent Bromodomain and Extra-Terminal Domain (BET) Inhibitors Targeting a Methionine. J Med Chem. 2018 Sep 27;61(18):8202-8211.

Inhibitors · Natural Compounds · Compound Libraries

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