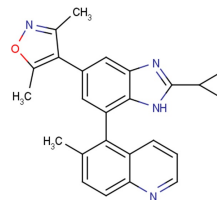


GS-626510

**Chemical Properties**

CAS No.:	1637770-13-8
Formula:	C <sub>25</sub> H <sub>22</sub> N <sub>4</sub> O
Molecular Weight:	394.47
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	GS-626510 is an orally bioavailable inhibitor of BET family bromodomains (K <sub>d</sub> : 0.59-3.2 nM for BRD2/3/4; IC <sub>50</sub> : 83 nM and 78 nM for BD1 and BD2).
Targets(IC <sub>50</sub> )	BRD2: 0.59-2.5 nM (k <sub>d</sub> ) BRD3: 0.65-0.66 nM (k <sub>d</sub> ) BRD4: 1.3-3.2 nM (k <sub>d</sub> ) BD1: 83 nM BD2: 78 nM

**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	2.535 mL	12.675 mL	25.35 mL
5 mM	0.507 mL	2.535 mL	5.07 mL
10 mM	0.254 mL	1.268 mL	2.535 mL
50 mM	0.051 mL	0.254 mL	0.507 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. Sperandio D, et al. Structure-guided discovery of a novel, potent, and orally bioavailable 3,5-dimethylisoxazole aryl-benzimidazole BET bromodomain inhibitor. *Bioorg Med Chem*. 2019 Feb 1;27(3):457-469.

Inhibitors · Natural Compounds · Compound Libraries

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