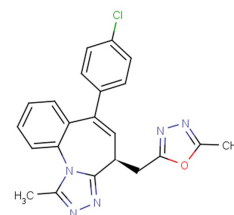


BET-BAY 002

**Chemical Properties**

CAS No.:	1588521-78-1
Formula:	C <sub>22</sub> H <sub>18</sub> ClN <sub>5</sub> O
Molecular Weight:	403.86
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	BET-BAY 002 is an effective BET inhibitor and exhibits efficacy in a multiple myeloma model.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	DMSO: 50 mg/mL (123.81 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.476 mL	12.381 mL	24.761 mL
5 mM	0.495 mL	2.476 mL	4.952 mL
10 mM	0.248 mL	1.238 mL	2.476 mL
50 mM	0.05 mL	0.248 mL	0.495 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. Evans DM, et al. Exposure time versus cytotoxicity for anticancer agents. *Cancer Chemother Pharmacol.* 2019 Aug;84(2):359-371.
2. Jung M, et al. Targeting BET bromodomains for cancer treatment. *Epigenomics.* 2015;7(3):487-501.

Inhibitors · Natural Compounds · Compound Libraries

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