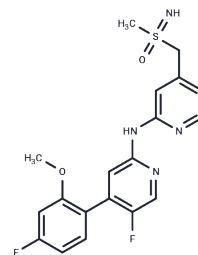


## (+)-Enitociclib

## Chemical Properties

CAS No. :	1610358-56-9
Formula:	C19H18F2N4O2S
Molecular Weight:	404.43
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	(+)-Enitociclib ((+)-BAY-1251152) is the isomer of Enitociclib, a selective CDK9 inhibitor and apoptosis inducer that suppresses CDK9 activity, reduces Ser2 phosphorylation of the RNA polymerase II C-terminal domain.
Targets(IC50)	CDK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4726 mL	12.3631 mL	24.7262 mL
5 mM	0.4945 mL	2.4726 mL	4.9452 mL
10 mM	0.2473 mL	1.2363 mL	2.4726 mL
50 mM	0.0495 mL	0.2473 mL	0.4945 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

- Frigault MM, et al. Enitociclib, a Selective CDK9 Inhibitor, Induces Complete Regression of MYC+ Lymphoma by Downregulation of RNA Polymerase II Mediated Transcription. *Cancer Res Commun.* 2023 Nov 9;3(11):2268-2279.
- Tran S, et al. Enitociclib, a selective CDK9 inhibitor: in vitro and in vivo preclinical studies in multiple myeloma[J]. *Blood Neoplasia*, 2025, 2(1): 100050.

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