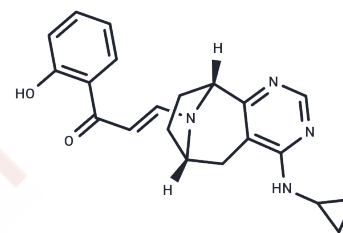


## Bromodomain inhibitor-13

## Chemical Properties

CAS No. : 1914047-59-8  
 Formula: C<sub>21</sub>H<sub>22</sub>N<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 362.43  
 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	Bromodomain Inhibitor-13 (Compound 1), an analog of PFI-3, is a bromodomain-containing protein (BCP) inhibitor. It specifically targets the bromodomains of SMARCA2, SMARCA4, and the first and second bromodomains of PB1 [PB1(5) and PB1(2)], with dissociation constants (KD) of 37, 53, 30, and 190 nM, respectively.
Targets(IC50)	Epigenetic Reader Domain

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7592 mL	13.7958 mL	27.5915 mL
5 mM	0.5518 mL	2.7592 mL	5.5183 mL
10 mM	0.2759 mL	1.3796 mL	2.7592 mL
50 mM	0.0552 mL	0.2759 mL	0.5518 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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