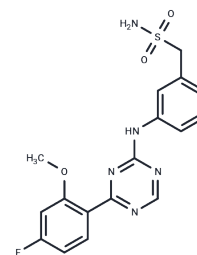


BAY-958

## Chemical Properties

CAS No. : 1335490-39-5  
 Formula: C17H16FN5O3S  
 Molecular Weight: 389.4  
 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	BAY-958 is a potent and selective inhibitor of PTEFb/CDK9.
Targets(IC50)	Others,CDK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5681 mL	12.8403 mL	25.6805 mL
5 mM	0.5136 mL	2.5681 mL	5.1361 mL
10 mM	0.2568 mL	1.284 mL	2.5681 mL
50 mM	0.0514 mL	0.2568 mL	0.5136 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

Lücking U, Scholz A, Lienau P, Siemeister G, Kosemund D, Bohlmann R, Briem H, Terebesi I, Meyer K, Prella K, Denner K, Bömer U, Schäfer M, Eis K, Valencia R, Ince S, von Nussbaum F, Mumberg D, Ziegelbauer K, Klebl B, Choidas A, Nussbaumer P, Baumann M, Schultz-Fademrecht C, Rührter G, Eickhoff J, Brands M. Identification of Atuveciclib (BAY 1143572), the First Highly Selective, Clinical PTEFb/CDK9 Inhibitor for the Treatment of Cancer. ChemMedChem. 2017 Nov 8;12(21):1776-1793. doi: 10.1002/cmdc.201700447. Epub 2017 Oct 16. PubMed PMID: 28961375; PubMed Central PMCID: PMC5698704.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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