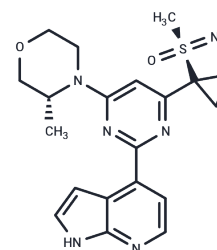


## (S)-Ceralasertib

## Chemical Properties

CAS No. :	1352226-87-9
Formula:	C <sub>20</sub> H <sub>24</sub> N <sub>6</sub> O <sub>2</sub> S
Molecular Weight:	412.51
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	(S)-Ceralasertib is a potent and selective inhibitor of sulfoximine morpholinopyrimidine ATR with excellent preclinical physicochemical and pharmacokinetic (PK) characteristics.
Targets(IC50)	ATM/ATR,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4242 mL	12.1209 mL	24.2418 mL
5 mM	0.4848 mL	2.4242 mL	4.8484 mL
10 mM	0.2424 mL	1.2121 mL	2.4242 mL
50 mM	0.0485 mL	0.2424 mL	0.4848 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

By Foote, et al. Morpholinopyrimidines as ATR kinase inhibitors and their preparation, pharmaceutical compositions and use in the treatment of cancer. PCT Int. Appl. (2011), WO 2011154737 A1 20111215.  
Foote KM, et al. Discovery and Characterization of AZD6738, a Potent Inhibitor of Ataxia Telangiectasia Mutated and Rad3 Related (ATR) Kinase with Application as an Anticancer Agent. J Med Chem. 2018 Nov 21;61(22): 9889-9907.

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