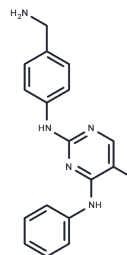


CZC-8004

## Chemical Properties

CAS No. : 916603-07-1  
 Formula: C<sub>17</sub>H<sub>16</sub>FN<sub>5</sub>  
 Molecular Weight: 309.34  
 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	CZC-8004 (CZC-00008004) is a pan-kinase(ABL kinase) inhibitor and binds a range of tyrosine kinases.
Targets(IC50)	EGFR,Bcr-Abl,VEGFR

## Solubility Information

Solubility	DMSO: 31.25 mg/mL (101.02 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: < 3.13 mg/mL (10.12 mM),Lower concentrations may be soluble, but exact solubility limit is unknown. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.13 mg/mL (10.12 mM),Solution. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2327 mL	16.1634 mL	32.3269 mL
5 mM	0.6465 mL	3.2327 mL	6.4654 mL
10 mM	0.3233 mL	1.6163 mL	3.2327 mL
50 mM	0.0647 mL	0.3233 mL	0.6465 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

Quantitative chemical proteomics reveals mechanisms of action of clinical ABL kinase inhibitors[J]. Nature Biotechnology, 2007, 25(9):1035-1044.

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