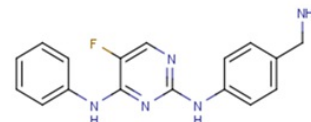


CZC-8004

## Chemical Properties

CAS No.: 916603-07-1  
Formula: C<sub>17</sub>H<sub>16</sub>FN<sub>5</sub>  
Molecular Weight: 309.34  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	CZC-8004 is a pan-kinase (ABL kinase) inhibitor and binds a range of tyrosine kinases.
Targets (IC <sub>50</sub> )	Abl: None

## Solubility Information

Solubility	DMSO: 77.5 mg/mL (250.53 mM) (< 1 mg/mL refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.233 mL	16.163 mL	32.327 mL
5 mM	0.647 mL	3.233 mL	6.465 mL
10 mM	0.323 mL	1.616 mL	3.233 mL
50 mM	0.065 mL	0.323 mL	0.647 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

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

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