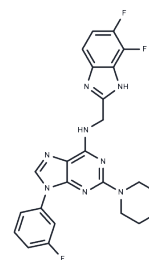


SR-3029

## Chemical Properties

CAS No. : 1454585-06-8  
 Formula: C<sub>23</sub>H<sub>19</sub>F<sub>3</sub>N<sub>8</sub>O  
 Molecular Weight: 480.45  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	SR-3029 is a highly potent and specific inhibitor of CK1δ/CK1ε.
Targets(IC50)	Casein Kinase

## Solubility Information

Solubility	DMSO: 45 mg/mL (93.66 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0814 mL	10.4069 mL	20.8138 mL
5 mM	0.4163 mL	2.0814 mL	4.1628 mL
10 mM	0.2081 mL	1.0407 mL	2.0814 mL
50 mM	0.0416 mL	0.2081 mL	0.4163 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.

## Reference

Rosenberg LH, et al. Therapeutic targeting of casein kinase 1δ in breast cancer. Sci Transl Med. 2015 Dec 16;7(318):318ra202.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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