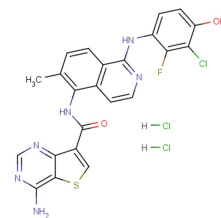


RAF mutant-IN-1

**Chemical Properties**

CAS No.: 2340020-82-6  
Formula: C<sub>23</sub>H<sub>18</sub>Cl<sub>3</sub>FN<sub>6</sub>O<sub>2</sub>S  
Molecular Weight: 567.85  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	RAF mutant-IN-1 is an inhibitor of RAF kinase(IC <sub>50</sub> values of 21 nM, 30 nM and 392 nM for C-RAF 340D/Y341D, B-RAfV600E and B-RAFWT, respectively).
Targets(IC <sub>50</sub> )	C-RAF 340D/Y341D: 21 nM B-RafV600E: 30 nM BRAFWT: 392 nM

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.761 mL	8.805 mL	17.61 mL
5 mM	0.352 mL	1.761 mL	3.522 mL
10 mM	0.176 mL	0.881 mL	1.761 mL
50 mM	0.035 mL	0.176 mL	0.352 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. BAE, In Hwan, et al. Title of Invention: THIENO[3,2-d]PYRIMIDINE COMPOUND HA VING INHIBITORY ACTIVITY FOR PROTEIN KINASE. WO2019107987A1.

Inhibitors · Natural Compounds · Compound Libraries

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