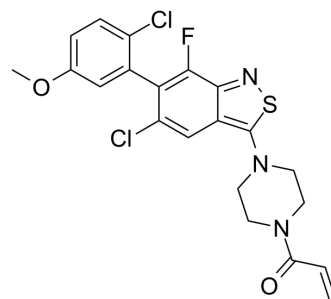


## KRAS inhibitor-17

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-146475   |
| CAS No.:           | 2230873-65-9  |
| Molecular Formula: | C <sub>21</sub> H <sub>18</sub> Cl <sub>2</sub> FN <sub>3</sub> O <sub>2</sub> S          |
| Molecular Weight:  | 466.36  |
| Target:            | Ras   |
| Pathway:           | GPCR/G Protein  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                           |  |
|---------------------------|--|
| Description               | KRAS inhibitor-17 (compound 3-9) is a potent KRAS G12C inhibitor with an IC <sub>50</sub> of 3.37 μM. KRAS inhibitor-17 shows p-ERK inhibition activities with IC <sub>50</sub> s of 9.25, >33.3 μM in MIA PaCA-2, A549 cells, respectively. KRAS inhibitor-17 has the potential for the research of pancreatic, colorectal, and lung cancers <sup>[1]</sup> . |
| IC <sub>50</sub> & Target | KRas G12C<br>3.37 μM (IC <sub>50</sub> )   |

### REFERENCES

[1]. Brian alan, et al. KRAS g12c inhibitors and methods of using the same. WO2018119183 A2

**Caution: Product has not been fully validated for medical applications. For research use only.**

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