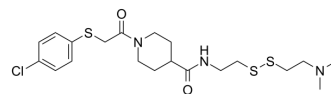


## 6H05

Cat. No.:	HY-12408
CAS No.:	1469338-01-9
Molecular Formula:	C <sub>20</sub> H <sub>30</sub> ClN <sub>3</sub> O <sub>2</sub> S <sub>3</sub>
Molecular Weight:	476.12
Target:	Ras
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	6H05 is a selective, and allosteric inhibitor of oncogenic mutant K-Ras(G12C). IC <sub>50</sub> value:Target: K-Ras G12C6H05 gives the greatest degree of modification, which allosterically modifies the oncogenic G12C mutant of highly homologous protein H-Ras without affecting wild-type K-Ras [1]. 6H05 can be used as an intermediate for the synthesis of other oncogenic K-Ras(G12C) inhibitors [2].
IC <sub>50</sub> & Target	K-Ras(G12C)

## REFERENCES

- [1]. Ostrem JM, et al. K-Ras(G12C) inhibitors allosterically control GTP affinity and effector interactions. *Nature*. 2013 Nov 28;503(7477):548-51.
- [2]. Lu S, et al. Harnessing allostery: a novel approach to drug discovery. *Med Res Rev*. 2014 Nov;34(6):1242-85.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA