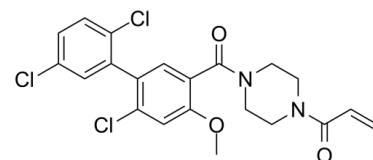


## Data Sheet

<b>Product Name:</b>	K-Ras G12C-IN-3
<b>Cat. No.:</b>	CS-3534
<b>CAS No.:</b>	1629268-19-4
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>19</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	453.75
<b>Target:</b>	Ras
<b>Pathway:</b>	GPCR/G Protein
<b>Solubility:</b>	DMSO : ≥ 30 mg/mL (66.12 mM)



### BIOLOGICAL ACTIVITY:

K-Ras G12C-IN-3 is a novel and irreversible inhibitor of mutant K-ras G12C. IC<sub>50</sub> value: Target: K-ras G12C inhibitor For more information, please see the following patent. Heterocyclic compounds as covalent inhibitors of G12C mutant K-Ras protein useful for treating cancers, and preparation thereof By Ren, Pingda; Liu, Yi; Li, Liansheng; Feng, Jun; Wu, Tao From PCT Int. Appl. (2014), WO 2014152588 A1 20140925.

### CAIndexNames:

2-Propen-1-one, 1-[4-[(2',5',6-trichloro-4-methoxy[1,1'-biphenyl]-3-yl)carbonyl]-1-piperazinyl]-

### SMILES:

C/C=C/C(=O)C(C1CCN(CC1)C(=O)C2=CC(=CC(=C2)C3=CC(Cl)=CC=C3Cl)OC)C4=CC(Cl)=CC=C4

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

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