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## Product Data Sheet

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Product Name: KRAS G12C inhibitor 5

Cat. No.: GC34162

### Chemical Properties

Cas. No. 2158297-63-1

SMILES N#CC[C@H]1N(C(C=C)=O)CCN(C2=C3C(CN(C4=C5C=CC=CC5=CC=C4)CC3)=NC(OC[C@H]6N(C)CCC6)=N2)C1

Formula C<sub>32</sub>H<sub>37</sub>N<sub>7</sub>O<sub>2</sub>

M.Wt

551.68

Solubility Soluble in DMSO

Storage

Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a tips while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.  
Condition

Structure

### Background

KRAS G12C inhibitor 5 is a KRas G12C inhibitor extracted from patent WO2017201161A1, Compound example 147[1].

Kirsten Rat Sarcoma 2 Viral Oncogene Homolog (KRas) is a small GTPase and a member of the Ras family of oncogenes. KRas serves a molecular switch cycling between inactive (GDP -bound) and active (GTP -bound) states to transduce upstream cellular signals received from multiple tyrosine kinases to downstream effectors to regulate a wide variety of processes, including cellular proliferation[1].

[1]. John P. Fischer, et al. Kras g12c inhibitors. WO2017201161A1.

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

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