

Product Data Sheet

Product Name: K-Ras G12C-IN-3

Cat. No.: GC36400

Chemical Properties

Cas. No. 1629268-19-4

SMILES ClC(C=C(OC)C(C(N1CCN(C(C=C)O)CC1)=O)=C2)=C2C3=CC(Cl)=CC=C3Cl

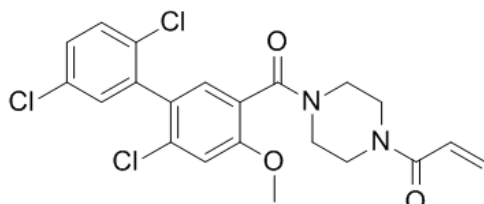
Formula $C_{21}H_{19}Cl_3N_2O_3$ M.Wt 453.75

Solubility DMSO: ≥ 30 mg/mL (66.12 mM) Storage Store at -20°C

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

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

Structure



Background

K-Ras G12C-IN-3 is a novel and irreversible inhibitor of mutant K-ras G12C. IC₅₀ 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.

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

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