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**Product Data Sheet**

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Product Name: 6H05 trifluoroacetate (K-Ras inhibitor)

Cat. No.: GC34427

**Chemical Properties**

Cas. No.

SMILES O=C(C1CCN(C(CSC2=CC=C(Cl)C=C2)=O)CC1)NCCSSCCN(C)C.O=C(O)C(F)(F)FFormula C22H31ClF3N3O4S3 M.Wt 590.14Solubility DMSO :  $\geq 51$  mg/mL (86.42 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**

6H05 is a selective, and allosteric inhibitor of oncogenic K-Ras(G12C).

6H05 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]. Furthermore, 6H05 can be used as an intermediate for the synthesis of other oncogenic K-Ras(G12C) inhibitors. [2]

[1] Ostrem JM, et al. Nature. 2013, 503(7477), 548-551. [2] Lu S, et al. Med Res Rev. 2014, 34(6), 1242-1285.

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

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