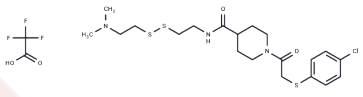
# Data Sheet (Cat.No.T7326)

TargetMol

## 6H05 (TFA)

### Chemical Properties



CAS No. : 2061344-88-3

Formula: C22H31ClF3N3O4S3

Molecular Weight: 590.14

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

### Biological Description

| | |
|---|---|
| Description | 6H05 TFA (6H05 trifluoroacetate) is a selective, and allosteric oncogenic mutant K-Ras (G12C) inhibitor. |
| Targets(IC50) | Ras,Kras |

### Solubility Information

| | |
|---|---|
| Solubility | DMSO: 51 mg/mL (86.42 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 1.6945 mL | 8.4726 mL | 16.9451 mL |
| 5 mM | 0.3389 mL | 1.6945 mL | 3.389 mL |
| 10 mM | 0.1695 mL | 0.8473 mL | 1.6945 mL |
| 50 mM | 0.0339 mL | 0.1695 mL | 0.3389 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference


Lu S , Li S , Zhang J . Harnessing Allostery: A Novel Approach to Drug Discovery[J]. Medicinal Research Reviews, 2014, 34(6):1242-1285.

Ostrem J M , Peters U , Sos M L , et al. K-Ras(G12C) inhibitors allosterically control GTP affinity and effector interactions[J]. Nature, 2013, 503(7477):548-551.

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