
Product Data Sheet

Product Name: RAF mutant-IN-1

Cat. No.: GC37068

Chemical Properties

Cas. No. 2340020-82-6

SMILES O=C(C1=CSC2=C(N)N=CN=C21)NC3=C(C)C=CC4=C3C=CN=C4NC5=CC=C(O)C(Cl)=C5F.[H]Cl.[H]Cl

Formula	C ₂₃ H ₁₈ Cl ₃ FN ₆ O ₂ S	M.Wt	567.85
---------	--	------	--------

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 tips ultrasonic bath for a 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 Condition blue ice upon request.

Structure **Background**

RAF mutant-IN-1 is a RAF kinase inhibitor, extracted from patent WO2019107987A1, with IC50 values of 21 nM, 30 nM and 392 nM for C-RAF 340D/Y341D, B-RAFV600E and B-RAFWT, respectively[1]. C-RAF 340D/Y341D|21 nM (IC50)|B-RafV600E|30 nM (IC50)|BRAFWT|392 nM (IC50)

[1]. BAE, In Hwan, et al. Title of Invention: THIENO[3,2-d]PYRIMIDINE COMPOUND HA VING INHIBITORY ACTIVITY FOR PROTEIN KINASE. WO2019107987A1.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
