

Product Data Sheet

Product Name: FTI-2153

Cat. No.: GC60861

Chemical Properties

Cas. No. 344900-92-1

SMILES CSCC[C@@H](C(OC)=O)NC(C1=CC=C(CNCC2=CN=CN2)C=C1C3=CC=CC=C3C)=O

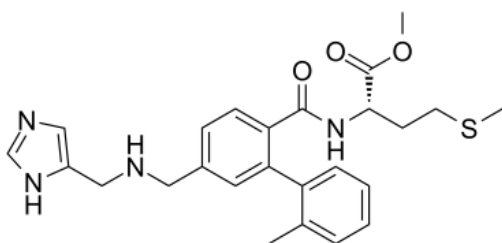
Formula $C_{25}H_{30}N_4O_3S$ M.Wt 466.6

Solubility DMSO: 100 mg/mL (214.32 mM) 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

FTI-2153 is a potent and highly selective inhibitor of farnesyltransferase (FTase), with an IC₅₀ of 1.4 nM. FTI-2153 is >3000-fold more potent at blocking H-Ras (IC₅₀, 10 nM) than Rap1A processing. Anti-cancer activity[1].

[1]. Sun J, et al. Antitumor efficacy of a novel class of non-thiol-containing peptidomimetic inhibitors of farnesyltransferase and geranylgeranyltransferase I: combination therapy with the cytotoxic agents

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

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cisplatin, Taxol, and gemcitabine. Cancer Res. 1999 Oct 1;59(19):4919-26.

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