

Product Data Sheet

Product Name: Itanapraced (CHF5074)

Cat. No.: GC30954

Chemical Properties

Cas. No. 749269-83-8

SMILES OC(C1(CC1)C(C=C2)=CC(F)=C2C3=CC=C(Cl)C(Cl)=C3)=O

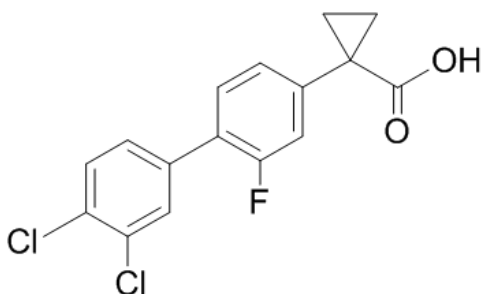
Formula $C_{16}H_{11}Cl_2FO_2$ M.Wt 325.16

Solubility DMSO : ≥ 37 mg/mL (113.79 mM) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Itanapraced (CHF5074) is a novel γ -secretase modulator, reduces A β 42 and A β 40 secretion, with an

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

Product Data Sheet

IC50 of 3.6 and 18.4 μ M, respectively.

[1]. Imbimbo BP, et al. 1-(3',4'-Dichloro-2-fluoro[1,1'-biphenyl]-4-yl)-cyclopropanecarboxylic acid (CHF5074), a novel gamma-secretasemodulator, reduces brain beta-amyloid pathology in a transgenic mouse model of Alzheimer's disease without causing peripheral toxicity. J Pharmacol Exp Ther. 2007 Dec;323(3):822-830. [2]. Mango D, et al. Electrophysiological and metabolic effects of CHF5074 in the hippocampus: protection against in vitro ischemia. Pharmacol Res. 2014 Mar;81:83-90.

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