
Product Data Sheet

Product Name: Cathepsin Inhibitor 2

Cat. No.: GC33892

Chemical Properties

Cas. No. 1017931-53-1

SMILES FC(F)(F)[C@H](C1=CC=C(F)C=C1)N[C@@H](CC(F)(F)CCC)C(NC2(CC2)C#N)=OFormula C₁₉H₂₁F₆N₃O

M.Wt 421.38

Solubility DMSO : 100 mg/mL (237.32 mM; Need ultrasonic) 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**

Cathepsin Inhibitor 2 is a potent Cathepsin S inhibitor extracted from patent WO2009123623A1, has a K_i of <20 nM.

Cathepsin Inhibitor 2 (Please refer to paragraph 0229 for detailed information) potently inhibits Cathepsin S, Cathepsin F, Cathepsin L, and Cathepsin B with K_is of <20 nM, 21-500 nM, 21-500 nM, and 21-500 nM, respectively[1].

[1]. LINK, John, O, et al. DI-FLUORO CONTAINING COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS. WO2009123623A1.

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
