

Product Data Sheet

Product Name: CD80-IN-3

Cat. No.: GC60102

Chemical Properties

Cas. No. 486449-65-4

SMILES FC1=C(NC=C2C3=NN(C4=CC=C(C(O)=O)C=C4)C2=O)C3=CC=C1

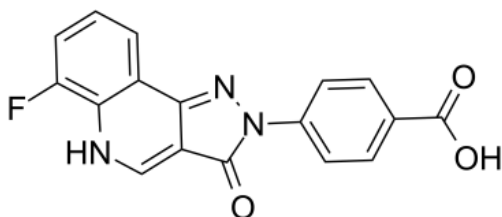
Formula $C_{17}H_{10}FN_3O_3$ M.Wt 323.28

Solubility DMSO: 35.71 mg/mL (110.46 mM) 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

CD80-IN-3, a potent CD80 inhibitor, inhibits CD80/CD28 interaction with an EC₅₀ of 630 nM and a K_d of 125 nM.

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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[1]. Huxley P, et al. High-affinity small molecule inhibitors of T cell costimulation: compounds for immunotherapy. Chem Biol. 2004 Dec;11(12):1651-8.

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