

Product Data Sheet

Product Name: CAD204520 dihydrochloride

Cat. No.: GC79521

Chemical Properties

Cas. No. 2682205-21-4

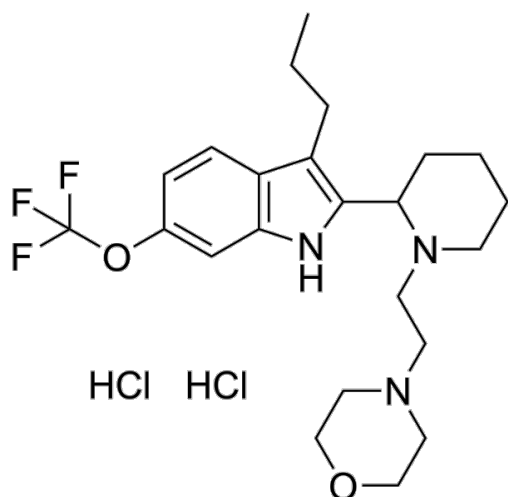
Formula $C_{23}H_{34}Cl_2F_3N_3O_2$ M.Wt 512.44

Solubility DMSO: 10 mg/mL (19.51 mM; Need ultrasonic) Storage Store at 4°C, stored under nitrogen, away from moisture

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

CAD204520 dihydrochloride, a SERCA inhibitor ($IC_{50} = 0.34 \mu M$), targets mutated over wild type NOTCH1 proteins in T-cell acute lymphoblastic leukemia (T-ALL) and mantle cell lymphoma (MCL). CAD204520 dihydrochloride can be used for T-ALL and MCL research [1].

References:

[1]. Matteo Marchesini, et al. Blockade of Oncogenic NOTCH1 with the SERCA Inhibitor CAD204520 in T Cell Acute Lymphoblastic Leukemia. Cell Chem Biol. 2020 Jun 18;27(6):678-697.e13.

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