

Product Data Sheet

Product Name: LYN-1604 dihydrochloride

Cat. No.: GC39494

Chemical Properties

Cas. No. 2310109-38-5

SMILES [H]Cl.C1C1=CC=C(C(CN2CCN(C(CN(CC(C)C)CC(C)C)=O)CC2)OCC3=CC=C(C=CC=C4)C4=C3)C(Cl)=C1.[H]Cl

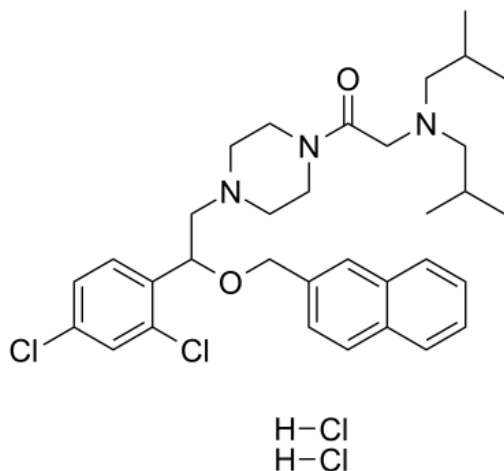
Formula $C_{33}H_{45}Cl_4N_3O_2$ M.Wt 657.54

Solubility DMSO: 50 mg/mL (76.04 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

LYN-1604 dihydrochloride is a potent UNC-51-like kinase 1 (ULK1) activator (EC_{50} =18.94 nM) for the research of triple negative breast cancer (TNBC)[1].

[1]. Zhang L, et al. Discovery of a small molecule targeting ULK1-modulated cell death of triple negative breast cancer in vitro and in vivo. Chem Sci. 2017 Apr 1;8(4):2687-2701.

Caution: Product has not been fully validated for medical applications. For research use only.

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