

Product Data Sheet

Product Name: TH1834 dihydrochloride

Cat. No.: GC39303

Chemical Properties

Cas. No. 2108830-09-5

SMILES O=C(O)CN1N=C(C2=CC=C(CN(CCC3=CC=CC=C3)CCCCOC4=CC=C(CN5CCCC5)C=C4)C=C2)N=N1.[H]Cl.[H]Cl

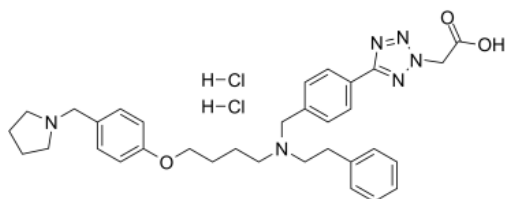
Formula $C_{33}H_{42}Cl_2N_6O_3$ M.Wt 641.63

Solubility DMSO: 250 mg/mL (389.63 mM) Storage Store at 2-8°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

TH1834 dihydrochloride is a specific Tip60 histone acetyltransferase inhibitor. TH1834 dihydrochloride induces apoptosis and increases DNA damage in breast cancer. TH1834 dihydrochloride does not affect the activity of related histone acetyltransferase MOF. Anticancer activity[1].

[1]. Gao C, et al. Rational design and validation of a Tip60 histone acetyltransferase inhibitor. Sci

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

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