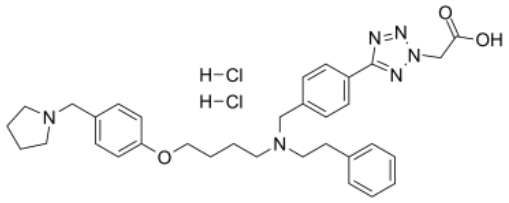
# Product Data Sheet

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

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Rep. 2014 Jun 20;4:5372.