

Product Data Sheet

Product Name: Martinostat hydrochloride

Cat. No.: GC73848

Chemical Properties

Cas. No.

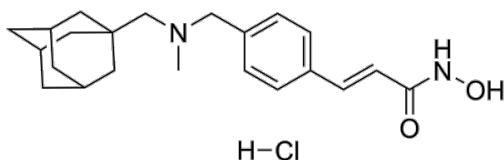
Formula $C_{22}H_{31}ClN_2O_2$ M.Wt 390.95

Solubility DMSO : 125 mg/mL (319.73 mM; Need ultrasonic) Storage 4°C, sealed storage, 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



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

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Background

Martinostat (drochloride) is a inhibitor of HDAC that can be labeled with radionuclides for diagnostic applications.

References:

- [1]. Changning Wang, et al. In Vivo Imaging of Histone Deacetylases (HDACs) in the Central Nervous System and Major Peripheral Organs. J Med Chem. 2014 Oct 9;57(19):7999-8009.
- [2]. Tharick A Pascoal, et al. [¹¹C]Martinostat PET analysis reveals reduced HDAC I availability in Alzheimer's disease. Nat Commun. 2022 Jul 19;13(1):4171.

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