

Product Data Sheet

Product Name: OTUB1/USP8-IN-1 TFA

Cat. No.: GC73354

Chemical Properties

Cas. No.

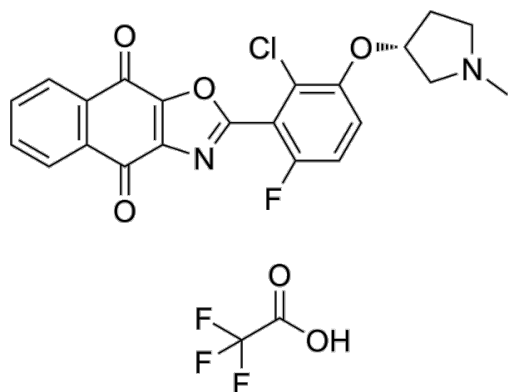
Formula $C_{24}H_{17}ClF_4N_2O_6$ M.Wt 540.85

Solubility DMSO : 100 mg/mL (184.89 mM);
Need ultrasonic and warming) 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



Background

OTUB1/USP8-IN-1 TFA is the TFA salt form of OTUB1/USP8-IN-1 . OTUB1/USP8-IN-1 TFA is a dual inhibitor for OTUB1/USP8, IC₅₀ for OTUB1 and USP8 is 0.17 and 0.28 nM, respectively. OTUB1/USP8-IN-1 TFA inhibits proliferation of NSCLC cells. OTUB1/USP8-IN-1 TFA exhibits good pharmacokinetic characters in ICR mouse, and exhibits antitumor activity in H1975 xenograft mouse model.

References:

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

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[1]. Tan L, et, al. Discovery of Potent OTUB1/USP8 Dual Inhibitors Targeting Proteostasis in Non-Small-Cell Lung Cancer. J Med Chem. 2022 Oct 11.

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