
Product Data Sheet

Product Name: ABD957
Cat. No.: GC64425

Chemical Properties

Cas. No.

Formula C27H36F3N7O5S M.Wt 627.68

Solubility 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

ABD957 is a potent and selective covalent inhibitor of the ABHD17 family of depalmitoylases, with an IC50 of 0.21 μM for ABHD17B. ABD957 can block N-Ras signaling and the growth of NRAS-mutant AML cells[1].

ABD957 (500 nM; pretreated for 1 h) attenuates N-Ras depalmitoylation in AML cells[1]. ABD957 (0.11 nM-10 μM; 72 h) blocks the signaling and proliferation of NRAS-mutant leukemia cells[1].

[1]. Remsberg JR, et, al. ABHD17 regulation of plasma membrane palmitoylation and N-Ras-dependent cancer growth. Nat Chem Biol. 2021 Aug;17(8):856-864.

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

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