

Product Data Sheet

Product Name: H36-E4
Cat. No.: GC79627

Chemical Properties

Cas. No. 688310-17-0

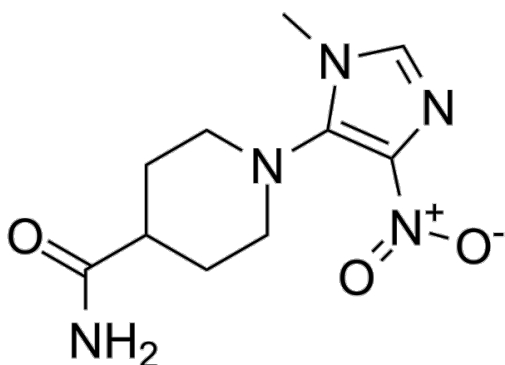
Formula $C_{10}H_{15}N_5O_3$ M.Wt 253.26

Solubility DMSO: 100 mg/mL (394.85 mM; Need ultrasonic) 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

H36-E4 is a WW domain containing E3 ubiquitin 27 protein ligase 2 (WWP2) inhibitor with a K_D of $6.25\ \mu\text{M}$. H36-E4 inhibits WWP2 expression, restores the succinate dehydrogenase complex subunit C (SDHC) level, and defers the acute kidney injury (AKI)-to-chronic kidney disease (CKD) transition in unilateral kidney ischemia-reperfusion (UIR) mice. H36-E4 can be used for AKI-to-CKD transition research [1].

References:

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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[1]. Wu M, et al. Targeting renal tubular WWP2 to restore mitochondrial OXPHOS integrity retards the AKI-to-CKD transition. Mol Ther. 2025 Nov 17:S1525-0016(25)00961-X.

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