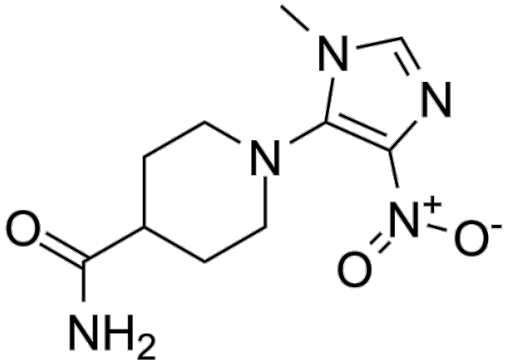
Product Data Sheet

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 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ 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 μM. 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.
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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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