
Product Data Sheet

Product Name: GÜ2602
Cat. No.: GC68008

Chemical Properties

Cas. No. 1627094-88-5

Formula $C_{16}H_{22}N_4O_3$ M.Wt 318.37

Solubility DMSO : 66.67 mg/mL (209.41 mM; Need ultrasonic) Storage 4°C, away from moisture and light

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

GÜ2602 is a potent, reversible **cathepsin K (CatK)** inhibitor with a **K_i** of 0.013 nM for mature CatK (mCatK). GÜ2602 suppresses the autocatalytic activation of the cathepsin K zymogen^[1].

[1]. Benýšek J, et al. Highly potent inhibitors of cathepsin K with a differently positioned cyanohydrazide warhead: structural analysis of binding mode to mature and zymogen-like enzymes. J Enzyme Inhib Med Chem. 2022 Dec;37(1):515-526.

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