

---

**Product Data Sheet**

---

Product Name: 1-Naphthalenylsulfonyl-Ile-Trp-aldehyde

Cat. No.: GA20375

**Chemical Properties**

Cas. No. 161709-56-4

Formula C<sub>27</sub>H<sub>29</sub>N<sub>3</sub>O<sub>4</sub>S M.Wt 491.61

Solubility Soluble in DMSO 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**

Cell-permeable and reversible inhibitor of cathepsin L, a lysosomal cysteine protease ( IC<sub>50</sub> 1.9 nM). 1-Naphthalenylsulfonyl-IW-CHO inhibited the release of Ca<sup>2+</sup> and hydroxyproline from bone in an in vitro bone culture system. It should be useful f

**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