

Product Data Sheet

Product Name: SN40 hydrochloride

Cat. No.: GC70958

Chemical Properties

Cas. No. 2768663-15-4

Formula $C_{18}H_{21}ClN_2O_2$ M.Wt 332.82

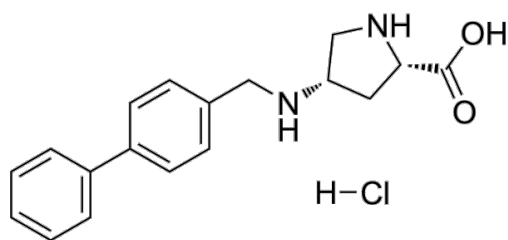
Solubility DMSO : 100 mg/mL (300.46 mM);
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

Storage 4°C, sealed storage, away from
moisture

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

SN40 hydrochloride is a potent amino acid transport (AAT) inhibitor with K_{is} of 7.29 μ M, 2.42 μ M, 2.94 μ M, 5.55 μ M, 24.43 μ M and 5.55 μ M for rat ASCT2, human ASCT2, EAAT1, EAAT2, EAAC1 and EAAT5, respectively. SN40 hydrochloride can be used for researching anticancer.

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

Product Data Sheet

References:

[1]. Grewer Christof, et al. Preparation of amino acids as inhibitors of alanine serine cysteine transporter 2. World Intellectual Property Organization, WO2022087630 A1 2022-04-28

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