

Product Data Sheet

Product Name: Targocil-II

Cat. No.: GC71469

Chemical Properties

Cas. No. 955918-74-8

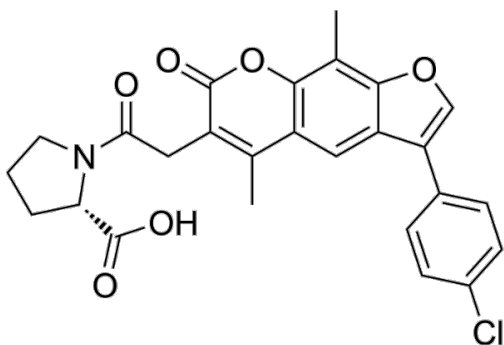
Formula $C_{26}H_{22}ClNO_6$ M.Wt 479.91

Solubility DMSO : 100 mg/mL (208.37 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

Targocil-II (Compound 2) is an ABC transporter inhibitor with a IC_{50} value of 137 nM. Targocil-II prevents ATP hydrolysis by binding to allosteric sites of the TM domain. Targocil-II has (antibacterial) activity.

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]. Matano LM, et al. Antibiotic That Inhibits the ATPase Activity of an ATP-Binding Cassette Transporter by Binding to a Remote Extracellular Site. J Am Chem Soc. 2017 Aug 9;139(31):10597-10600.

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