

Product Data Sheet

Product Name: LW3
 Cat. No.: GC71349

Chemical Properties

Cas. No. 2803367-68-0

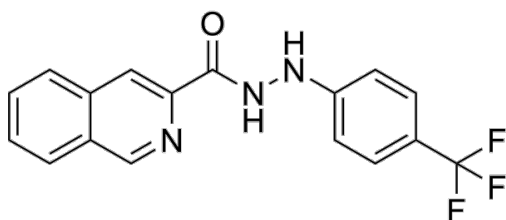
Formula $C_{17}H_{12}F_3N_3O$ M.Wt 331.29

Solubility DMSO : 100 mg/mL (301.85 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

LW3 is a potent antifungal agent. LW3 has antifungal activity with EC50 values of 0.54, 0.09, 1.52, and 2.65 mg/L against *B. cinerea*, *R. solani*, *S. sclerotiorum*, and *F. graminearum*, respectively.

References:

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

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[1]. Yang C, et, al. Bioactivity-Guided Subtraction of MIQOX for Easily Available Isoquinoline Hydrazides as Novel Antifungal Candidates. J Agric Food Chem. 2023 Aug 2;71(30):11341-11349.

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