

Product Data Sheet

Product Name: FB49
Cat. No.: GC73629

Chemical Properties

Cas. No. 3074495-82-9

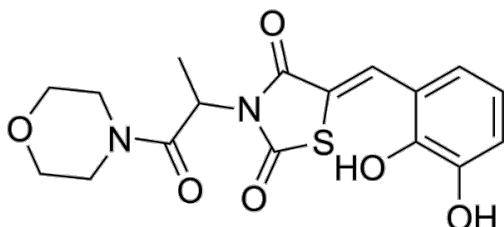
Formula $C_{17}H_{18}N_2O_6S$ M.Wt 378.4

Solubility DMSO : 100 mg/mL (264.27 mM; Storage -20°C
Need ultrasonic)

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

FB49 is a highly selective inhibitor of Bcl-2-associated athanogene 3 (BAG3), with the K_i of 45 μ M. FB49 inhibits the cell growth in human tumoral cells, but has no toxicity in human peripheral

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

mononuclear cells. FB49 block cell cycle in G1 phase and to induce apoptosis as well as autophagy in medulloblastoma HD-MB03 treated cells.

References:

[1]. Budassi F, et al. Design, synthesis and biological evaluation of novel 2,4-thiazolidinedione derivatives able to target the human BAG3 protein [published online ahead of print, 2023 Sep 22]. Eur J Med Chem. 2023;261:115824.

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