

Product Data Sheet

Product Name: AXKO-0046

Cat. No.: GC65496

Chemical Properties

Cas. No.

Formula C₂₅H₃₃N₃

M.Wt 375.55

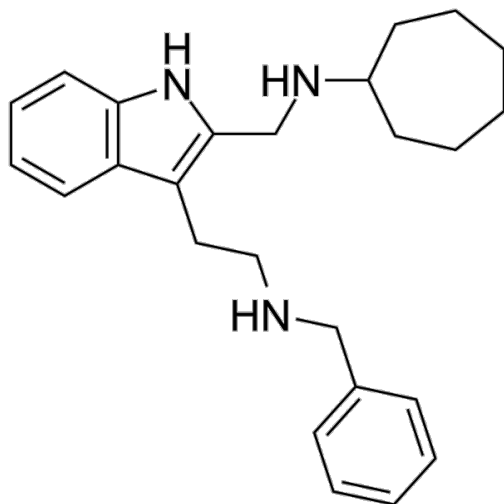
Solubility

Storage Store at 2-8°C, protect from light

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

AXKO-0046 is an indole derivative and small-molecule LDHB selective inhibitor.

AXKO-0046 has selectivity and highly potent LDHB inhibitory activity with an EC₅₀ of 42 nM. AXKO-0046 binds to the potential allosteric site away from the LDHB catalytic active site. AXKO-0046 can be used to validate LDHB associated pathways in cancer metabolism[1].

[1]. Sachio Shibata, et al. Identification of the first highly selective inhibitor of human lactate dehydrogenase B. Sci Rep. 2021 Nov 1;11(1):21353.

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