

Product Data Sheet

Product Name: HM03
Cat. No.: GC39827

Chemical Properties

Cas. No. 500565-15-1

SMILES OC1=CC=C(NC2=C(C=C(OC)C=C3)C3=NC4=CC(Cl)=CC=C42)C=C1CN5CCN(C)CC5

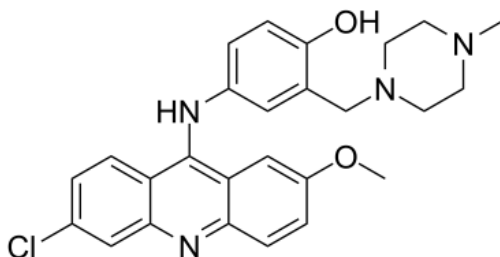
Formula $C_{26}H_{27}ClN_4O_2$ M.Wt 462.97

Solubility DMSO: 125 mg/mL (270.00 mM) Storage Store at -20°C

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

HM03 is a potent and selective HSPA5 (Heat shock 70kDa protein 5, also known as Bip, Grp78) inhibitor. HM03 has anticancer activity[1].

[1]. Huang M, et al. Structure-based design of HSPA5 inhibitors: from peptide to small molecule inhibitors. Bioorg Med Chem Lett. 2013;23(10):3044-3050.

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