
Product Data Sheet

Product Name: Pimelic Diphenylamide 106 analog (RGFA-8 analog)

Cat. No.: GC34416

Chemical Properties

Cas. No.

SMILES O=C(NC1=CC=CC=C1N)CCCCCCC(NC2=CC=C(C)C=C2)=OFormula C21H27N3O2 M.Wt 353.46Solubility DMSO : ≥ 30 mg/mL (84.88 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**

Pimelic Diphenylamide 106 analog is an analog of Pimelic Diphenylamide 106 with unknown biological activity.

[1]. Chou CJ, et al. Pimelic diphenylamide 106 is a slow, tight-binding inhibitor of class I histone deacetylases. *J Biol Chem.* 2008 Dec 19;283(51):35402-35409. [2]. Xu C, et al. Chemical probes identify a role for histone deacetylase 3 in Friedreich's ataxia gene silencing. *Chem Biol.* 2009 Sep 25;16(9):980-989.

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