
Product Data Sheet

Product Name: P-gp modulator 1

Cat. No.: GC36891

Chemical Properties

Cas. No. 2249749-39-9

SMILES CC(C)(O)[C@H](O1)CC[C@@]1(C)[C@H]2CC[C@@]3(C)[C@]4(C)CC[C@@]5([H])C(C)(C)[C@@H](NC(CCCCCNC(OC(C)(C)C)=O)=O)CC[C@]5(C)[C@@]4([H])C[C@@H](O)[C@@]32[H]

Formula C₄₁H₇₂N₂O₆ M.Wt 689.02

Solubility Soluble in DMSO 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**

P-gp modulator 1 is a high affinity, orally available modulator of P-glycoprotein (Pgp), can reverse the Pgp-mediated multidrug resistance ((MDR)[1]. P-glycoprotein

[1]. Ren Q, et al. Design, synthesis, and discovery of ocotillo-type amide derivatives as orally available modulators of P-glycoprotein-mediated multidrug resistance. Eur J Med Chem. 2019 Jan 1;161:118-130.

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
