

Product Data Sheet

Product Name: M4284
Cat. No.: GC39400

Chemical Properties

Cas. No. 1373346-85-0

SMILES O=C(C1=CC(C(NC)=O)=CC(C2=CC=C(O[C@@H]3[C@H]([C@H]([C@@H]([C@@H](CO)O3)O)O)C(C)=C2)=C1)NC

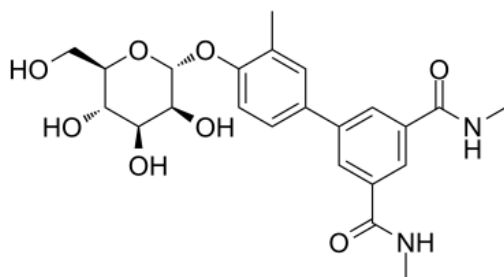
Formula $C_{23}H_{28}N_2O_8$ M.Wt 460.48

Solubility DMSO: 125 mg/mL (271.46 mM) Storage Store at -20°C

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT, or Condition blue ice upon request.

Structure



Background

M4284 is a selective and orally active biphenyl mannoside FimH antagonist. M4284 has activities against different UPEC (Urinary tract infections (UTI) caused by uropathogenic E. coli) strains in different host genetic backgrounds and gut microbial community contexts[1].

[1]. Schaeffer EM, et al. Selective Depletion of Uropathogenic E. coli from the Gut by a FimH Antagonist. *SelectivJ Urol.* 2018 Apr;199(4):874-875.

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

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