
Product Data Sheet

Product Name: MM41
Cat. No.: GC64591

Chemical Properties

Cas. No. 1429028-96-5

Formula C44H66N10O6

M.Wt 831.06

Solubility DMSO : 33.33 mg/mL (40.11 mM; ultrasonic and adjust
pH to 8 with HCl)

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

MM41 is a potent stabilizer of human telomeric and gene promoter DNA quadruplexes.
MM41 is potently against the MIA PaCa-2 pancreatic cancer cell line with IC50 value of
<10 nM[1].

[1]. Marialuisa Micco, et al. Structure-based design and evaluation of naphthalene
diimide G-quadruplex ligands as telomere targeting agents in pancreatic cancer cells. J
Med Chem

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