

## Product Data Sheet

Product Name: MM41  
Cat. No.: GC64591

### Chemical Properties

Cas. No. 1429028-96-5

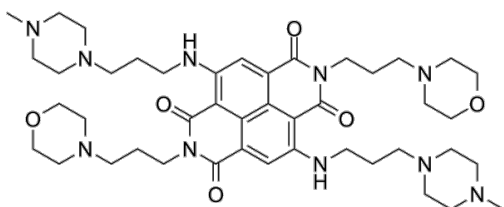
Formula C<sub>44</sub>H<sub>66</sub>N<sub>10</sub>O<sub>6</sub> M.Wt 831.06

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 IC<sub>50</sub> 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.**

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