

Product Data Sheet

Product Name: L2H2-6OTD diformic

Cat. No.: GC73158

Chemical Properties

Cas. No.

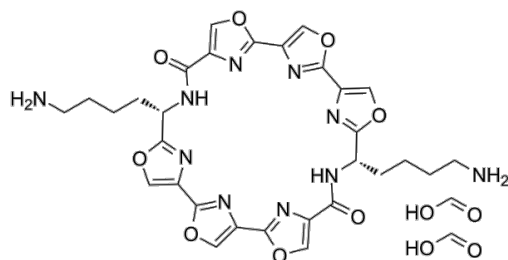
Formula $C_{32}H_{34}N_{10}O_{12}$ M.Wt 750.67

Solubility H_2O : ≥ 100 mg/mL (133.21 mM) Storage $4^{\circ}C$, stored under nitrogen

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

L2H2-6OTD acetate contains one to four G-quadruplex binding loops and is a telomere inhibitor analog. L2H2-6OTD acetate has telomerase inhibitory activity with an IC_{50} value of 15 nM.

References:

[1]. Keisuke Iida, et al. Evaluation of the interaction between long telomeric DNA and macrocyclic hexaoxazole (6OTD) dimer of a G-quadruplex ligand. *Molecules*. 2013 Apr 12;18(4):4328-41.

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