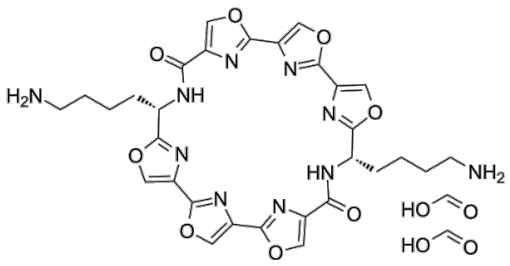
Product Data Sheet

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°C, stored under nitrogen
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

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 IC50 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.
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