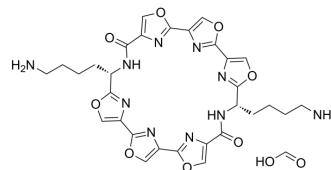


## L2H2-60TD formic

Cat. No.:	HY-148200A
Molecular Formula:	C <sub>31</sub> H <sub>32</sub> N <sub>10</sub> O <sub>10</sub>
Molecular Weight:	704.65
Target:	Telomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : ≥ 100 mg/mL (141.91 mM)  
\* "≥" means soluble, but saturation unknown.

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.4191 mL	7.0957 mL	14.1914 mL
	5 mM	0.2838 mL	1.4191 mL	2.8383 mL
	10 mM	0.1419 mL	0.7096 mL	1.4191 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

L2H2-60TD formic contains one to four G-quadruplex binding loops and is a telomere inhibitor analog. L2H2-60TD formic has telomerase inhibitory activity with an IC<sub>50</sub> value of 15 nM.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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