

## Product Datasheet

### 12-Ethyl-9-hydroxycamptothecin (orb1684053)

<b>Catalog Number</b>	orb1684053
<b>Category</b>	Small Molecules
<b>Description</b>	SN38 is the potent active metabolite of the anticancer prodrug irinotecan. As a topoisomerase I inhibitor, it is widely used in both in vitro and in vivo research models to study colorectal cancer and other malignancies.
<b>Target</b>	Topoisomerase
<b>Purity</b>	99.89%
<b>MW</b>	392.41
<b>Target Areas</b>	Topoisomerase
<b>Solubility (25°C)</b>	DMSO:80 mg/mL (203.87 mM)
<b>CAS Number</b>	119577-28-5
<b>Formula</b>	C <sub>22</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub>
<b>SMILES</b>	<chem>O=C1N2C(C=3C(C2)=CC=4C(N3)=C(CC)C=CC4O)=CC5=C1COC(=O)[C@@]5(C)C)O</chem>
<b>Storage</b>	keep away from direct sunlight,store at low temperature,keep away from moisture   Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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