

## Product Datasheet

### Silymarin (orb1300571)

<b>Catalog Number</b>	orb1300571
<b>Category</b>	Small Molecules
<b>Description</b>	Silymarin (Silybin B) is a flavonoid compound isolated from milk thistle ( Silybum marianum ). It is widely used in research for investigating hepatoprotective mechanisms, with applications in both in vitro cell-based assays and in vivo models of liver injury.
<b>Target</b>	SARS-CoV
<b>MW</b>	482.44
<b>Target Areas</b>	SARS-CoV
<b>Solubility (25°C)</b>	50% PEG300+50% saline:20 mg/mL (41.46 mM);Ethanol:1 mg/mL (2.07 mM);DMSO:71 mg/mL (147.17 mM);H2O: 1 mg/mL (insoluble or slightly soluble);10% DMSO+40% PEG300+5% Tween 80+45% Saline:2.5 mg/mL (5.18 mM)
<b>CAS Number</b>	65666-07-1
<b>Formula</b>	C <sub>25</sub> H <sub>22</sub> O <sub>10</sub>
<b>SMILES</b>	COc1cc(ccc1O)C1Oc2ccc(cc2OC1CO)C1Oc2cc(O)cc(O)c2C(=O)C1O
<b>Storage</b>	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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