

## Product Datasheet

### Ritonavir (orb1308324)

<b>Catalog Number</b>	orb1308324
<b>Category</b>	Small Molecules
<b>Description</b>	Ritonavir (ABT-538) is a peptidomimetic inhibitor of HIV-1 and HIV-2 proteases. While its own antiviral activity is limited by serum protein binding, it is widely used in research, both in vitro and in vivo, as a potent cytochrome P450 inhibitor to pharmacokinetically boost other protease inhibitors.
<b>Target</b>	HIV Protease, Apoptosis, SARS-CoV
<b>Purity</b>	>99.99% (May vary between batches)
<b>MW</b>	720.94
<b>Target Areas</b>	Apoptosis SARS-CoV HIV Protease
<b>Solubility (25°C)</b>	Ethanol: 7.21 mg/mL (10 mM); DMSO: 242.5 mg/mL (336.37 mM); 10% DMSO+90% Corn Oil: 2.5 mg/mL (3.47 mM)
<b>CAS Number</b>	155213-67-5
<b>Formula</b>	C <sub>37</sub> H <sub>48</sub> N <sub>6</sub> O <sub>5</sub> S <sub>2</sub>
<b>SMILES</b>	<chem>CC(C)[C@H](NC(=O)N(C)CC1=CSC(=N1)C(C)C(=O)N[C@H](C[C@H](O)[C@H](CC1=CC=CC=C1)NC(=O)OCC1=CN=CS1)CC1=CC=CC=C1</chem>
<b>Storage</b>	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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