

## Product Datasheet

### Antioxidant/anticancer agent 1 (orb2566981)

<b>Catalog Number</b>	orb2566981
<b>Category</b>	Small Molecules
<b>Description</b>	This small molecule, a pyrimidine-pyrimidine hydroxy-1-naphthaldehyde Schiff base derivative (Compound 5), demonstrates antibacterial, antioxidant, antifungal, and anticancer activities. It is a research tool for studying oxidative stress and oncology in vitro, with potential applications in developing novel chemotherapeutic agents.
<b>Target</b>	Antifungal,Others
<b>MW</b>	293.32
<b>CAS Number</b>	1449470-38-5
<b>Formula</b>	C <sub>17</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub>
<b>SMILES</b>	OC1=CC=2C=CC=CC2C=C1C=NC=3N=C(OC)C=C(N3)C
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)