

## Product Datasheet

### STING agonist-17 (orb1983082)

<b>Catalog Number</b>	orb1983082
<b>Category</b>	Small Molecules
<b>Description</b>	STING agonist-17 (compound 4a) is a highly potent small molecule activator of the STING pathway with an IC <sub>50</sub> of 0.062 nM. It exhibits robust anti-tumor activity by inducing tumor immunization, making it a valuable tool for cancer immunotherapy research in both cellular and animal studies.
<b>Target</b>	Others,STING
<b>MW</b>	879.96
<b>CAS Number</b>	2816929-47-0
<b>Formula</b>	C <sub>43</sub> H <sub>53</sub> N <sub>13</sub> O <sub>8</sub>
<b>SMILES</b>	<chem>CCn1nc(C)cc1C(=O)Nc1nc2cc(cc(OC)c2n1C\C=C\Cn1c(NC(=O)c2cc(C)nn2CC)nc2cc(cc(OCCCNC(=O)OC(C)(C)C)c12)C(N)=O)C(N)=O</chem>
<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)