

## Product Datasheet

### Staurosporine-Boc (orb2563991)

<b>Catalog Number</b>	orb2563991
<b>Category</b>	Small Molecules
<b>Description</b>	Staurosporine-Boc is a broad-spectrum protein kinase inhibitor derived from <i>Streptomyces staurosporeus</i> . It serves as a key research tool for investigating cell signaling pathways, apoptosis, and cell cycle regulation in both in vitro and in vivo experimental models.
<b>Target</b>	PKC
<b>MW</b>	566.65
<b>CAS Number</b>	120685-17-8
<b>Formula</b>	C <sub>33</sub> H <sub>34</sub> N <sub>4</sub> O <sub>5</sub>
<b>SMILES</b>	<chem>C[C@]12N3C=4C5=C(C6=C(C4C=7C3=CC=CC7)CNC6=O)C=8C(N5[C@](O1)(C[C@@H](N(C(OC(C)(C)C)=O)C)[C@H]2OC)[H])=CC=CC8</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  
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)