

## Product Datasheet

### [Lys4] Sarafotoxin S6c (orb1981143)

<b>Catalog Number</b>	orb1981143
<b>Category</b>	Proteins
<b>Description</b>	[Lys4] Sarafotoxin S6c is a potent and selective endothelin ETB receptor partial agonist. It induces vasoconstriction in isolated tissues like pig coronary arteries with an EC50 of 1.5 nM. This analog is widely used in cardiovascular research to study endothelin receptor function and signaling pathways in vitro.
<b>Target</b>	Endothelin Receptor
<b>MW</b>	2529.82
<b>CAS Number</b>	1219444-22-0
<b>Formula</b>	C <sub>105</sub> H <sub>153</sub> N <sub>27</sub> O <sub>36</sub> S <sub>5</sub>
<b>SMILES</b>	[H][C@]12CSCC[C@]([H])(NC(=O)[C@@]([H])(NC(=O)[C@@H](N)CSCC[C@H](NC(=O)[C@H](Cc3ccccc3)NC(=O)[C@H](CC(N)=O)NC(=O)[C@H](CC(C)C)NC1=O)C(=O)N[C@@H](Cc1cnc[nH]1)C(=O)N[C@@H](CCC(N)=O)C(=O)N[C@@H](CC(O)=O)C(=O)N[C@@H](C(C)C)C(=O)N[C@@H]([C@@H](C)CC)C(=O)N[C@@H](Cc1c[nH]c3ccccc13)C(O)=O)[C@@H](C)O)C(=O)N[C@@H](CCCCN)C(=O)N[C@@H](CC(O)=O)C(=O)N[C@@H](CCSC)C(=O)N[C@@]([H])([C@@H](C)O)C(=O)N[C@@H](C(C)O)=O)C(=O)N[C@@H](CCC(O)=O)C(=O)N[C@@H](CCC(O)=O)C(=O)N2
<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 | Fax: +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 | Fax: +1 (415) 651-8558