

## Product Datasheet

### Acetyl tetrapeptide-15 Acetate (orb1980169)

<b>Catalog Number</b>	orb1980169
<b>Category</b>	Proteins
<b>Description</b>	Skinasensyl Acetate, a synthetic peptide derived from endomorphin-2, modulates $\mu$ -opioid receptors to elevate neuronal excitability thresholds via endorphin-like pathways. Used in cosmetics for sensitive skin, it serves as a research tool for studying inflammatory and neuropathic pain in dermatological contexts, with applications in in vitro and in vivo experiments.
<b>Target</b>	Others
<b>Purity</b>	98.97%
<b>MW</b>	673.76
<b>Target Areas</b>	Others
<b>Formula</b>	$C_{36}H_{43}N_5O_8$
<b>SMILES</b>	<chem>NC([C@H](CC1=CC=CC=C1)NC([C@H](CC2=CC=CC=C2)NC([C@H]3N(CCC3)C([C@@H](NC(C)=O)CC4=CC=C(C=C4)O)=O)=O)=O)=O.O.CC(O)=O</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.

#### 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)