

## Product Datasheet

### NS3861 fumarate (orb1685293)

<b>Catalog Number</b>	orb1685293
<b>Category</b>	Small Molecules
<b>Description</b>	NS3861 fumarate is a selective nicotinic acetylcholine receptor agonist, acting as a high-affinity partial agonist at the $\alpha 3\beta 4$ subtype ( $K_i=0.62$ nM). This profile makes it a valuable research tool for investigating nAChR function in neuropharmacology, substance abuse, and pain studies using in vitro receptor assays.
<b>Target</b>	AChR,Others
<b>MW</b>	400.29
<b>CAS Number</b>	216853-60-0
<b>Formula</b>	$C_{16}H_{18}BrNO_4S$
<b>SMILES</b>	<chem>OC(=O)\C=C\C(O)=O.CN1C2CCC1C=C(C2)c1sccc1Br</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)