

## Product Datasheet

### BMS-986122 (orb1305166)

<b>Catalog Number</b>	orb1305166
<b>Category</b>	Small Molecules
<b>Description</b>	BMS-986122 is a $\mu$ -opioid receptor positive allosteric modulator. In vitro, it potentiates endomorphin-1-stimulated $\beta$ -arrestin recruitment in OPRM1-expressing cells with an EC50 of 3 $\mu$ M. This compound is a research tool for studying biased signaling and allosteric modulation in opioid receptor pharmacology.
<b>Target</b>	Opioid Receptor
<b>Purity</b>	98.42% (May vary between batches)
<b>MW</b>	448.78
<b>Target Areas</b>	Opioid Receptor
<b>Solubility (25°C)</b>	10% DMSO+90% Corn Oil:3.3 mg/mL (7.35 mM);DMSO:100 mg/mL (222.83 mM)
<b>CAS Number</b>	313669-88-4
<b>Formula</b>	C <sub>16</sub> H <sub>15</sub> BrClNO <sub>3</sub> S <sub>2</sub>
<b>SMILES</b>	COc1ccc(cc1Br)C1SCCN1S(=O)(=O)c1ccc(Cl)cc1
<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)