

## Product Datasheet

### Vabicaserin hydrochloride (orb1308966)

<b>Catalog Number</b>	orb1308966
<b>Category</b>	Small Molecules
<b>Description</b>	Vabicaserin hydrochloride (SCA 136) is a potent and selective 5-HT <sub>2C</sub> receptor agonist with an EC <sub>50</sub> of 8 nM. This compound is a valuable research tool for investigating the 5-HT <sub>2C</sub> receptor's role in CNS disorders, including obesity and psychiatric conditions, in both in vitro and in vivo experimental models.
<b>Target</b>	5-HT Receptor
<b>Purity</b>	98.32% (May vary between batches)
<b>MW</b>	264.79
<b>Target Areas</b>	5-HT Receptor
<b>Solubility (25°C)</b>	DMSO:55 mg/mL (207.71 mM);H <sub>2</sub> O:4 mg/mL (15.11 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (7.55 mM)
<b>CAS Number</b>	887258-94-8
<b>Formula</b>	C <sub>15</sub> H <sub>21</sub> ClN <sub>2</sub>
<b>SMILES</b>	Cl.[H][C@@]12CCCC[C@]1([H])c1cccc3CNCCN(C2)c13
<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 27713-2847  
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