

## Product Datasheet

### TAS2R14 agonist-2 (orb1943725)

<b>Catalog Number</b>	orb1943725
<b>Category</b>	Small Molecules
<b>Description</b>	Compound 28.1 (TAS2R14 agonist-2) is a potent and selective TAS2R14 receptor agonist with an EC50 of 72 nM. This small molecule is a valuable research tool for studying bitter taste transduction and TAS2R14's roles in metabolic and immune processes in both cellular and animal models.
<b>Target</b>	Others, Taste receptor
<b>MW</b>	321.26
<b>CAS Number</b>	2883007-69-8
<b>Formula</b>	C <sub>13</sub> H <sub>10</sub> F <sub>3</sub> N <sub>7</sub>
<b>SMILES</b>	FC(F)(F)C=1N=C(N=C(C1)C)NC=2C=CC=CC2C3=NN=NN3
<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  
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)