

## Product Datasheet

### NCGC00161856 (orb3032892)

<b>Catalog Number</b>	orb3032892
<b>Category</b>	Small Molecules
<b>Description</b>	NCGC00161856 is identified as the first small-molecule ligand and inverse agonist of the thyroid-stimulating hormone receptor (TSHR). It inhibits basal cAMP production in HEK-EM 293 cells that stably express TSHRs, with a half-maximal inhibitory concentration (IC <sub>50</sub> ) of 3.0 $\mu$ M. This means that NCGC00161856 effectively reduces the constitutive activity of TSHR, which is the receptor's activity in the absence of its natural ligand (thyroid-stimulating hormone, TSH).
<b>Purity</b>	>98%
<b>CAS Number</b>	361187-13-5
<b>Note</b>	For research use only

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