

## Product Datasheet

### SAR502250 (orb1694512)

<b>Catalog Number</b>	orb1694512
<b>Category</b>	Small Molecules
<b>Description</b>	SAR502250 is a potent, brain-penetrant, and orally active inhibitor of GSK-3 $\beta$ , demonstrating an IC <sub>50</sub> of 12 nM. It shows antidepressant-like effects in preclinical models and is investigated for Alzheimer's disease, with studies exploring its neuroprotective mechanisms in vitro and in vivo.
<b>Target</b>	Others,GSK-3
<b>MW</b>	367.38
<b>CAS Number</b>	503860-57-9
<b>Formula</b>	C <sub>19</sub> H <sub>18</sub> FN <sub>5</sub> O <sub>2</sub>
<b>SMILES</b>	<chem>Cn1c(nc(cc1=O)-c1ccncn1)N1CCO[C@H](C1)c1ccc(F)cc1</chem>
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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