

## Product Datasheet

### Anti-MRSA agent 21 (orb2814092)

<b>Catalog Number</b>	orb2814092
<b>Category</b>	Small Molecules
<b>Description</b>	Anti-MRSA agent 21 (Compound 27) is a small molecule research compound active against methicillin-resistant Staphylococcus aureus (MRSA) with a 1 µM MIC. Its mechanism involves bacterial membrane disruption and induction of reactive oxygen species, supporting its investigation in antimicrobial resistance studies both in vitro and in animal infection models.
<b>Target</b>	Reactive Oxygen Species, Antibacterial
<b>MW</b>	745.41
<b>CAS Number</b>	3060716-02-8
<b>Formula</b>	C <sub>43</sub> H <sub>53</sub> ClN <sub>2</sub> O <sub>5</sub> S
<b>SMILES</b>	<chem>C(NS(=O)(=O)C1=CC=C(Cl)C=C1)(=O)[C@]23[C@](C=4[C@@](C)(CC2)[C@@]5(C)[C@](CC4)([C@]6(C)[C@@](CC5)(C(C)(C)C7=C(C6)C=8C(N7)=CC(C(O)=O)=CC8)[H])[H])([C@@H](C)[C@H](C)CC3)[H]</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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