

## Product Datasheet

### TLR7 agonist 12 (orb1982209)

<b>Catalog Number</b>	orb1982209
<b>Category</b>	Small Molecules
<b>Description</b>	TLR7 agonist 12 (example 20) is a purine nucleoside analog that acts as a Toll-like receptor 7 agonist, demonstrating broad-spectrum antitumor effects. Its mechanisms, which include inhibiting DNA synthesis and inducing apoptosis, have shown particular promise in preclinical research against indolent lymphoid malignancies.
<b>Target</b>	Nucleoside Antimetabolite/Analog,Others
<b>MW</b>	385.33
<b>CAS Number</b>	2389988-47-8
<b>Formula</b>	C <sub>14</sub> H <sub>19</sub> N <sub>5</sub> O <sub>8</sub>
<b>SMILES</b>	<chem>O=C1N(C2=C(N1CCCC(O)=O)C(=O)N=C(N)N2)[C@@H]3O[C@H](CO)[C@H](O)[C@H]3O</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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