

# Product Datasheet

## 1V209 (orb1299043)

<b>Catalog Number</b>	orb1299043
<b>Category</b>	Small Molecules
<b>Description</b>	1V209 (T7) is a small molecule agonist of Toll-like receptor 7 (TLR7) with demonstrated anti-tumor properties. It is utilized in immunological and oncology research to stimulate innate immune responses, showing activity in both in vitro cellular assays and in vivo tumor model studies.
<b>Target</b>	TLR
<b>Purity</b>	99.61% (May vary between batches)
<b>MW</b>	359.34
<b>Target Areas</b>	TLR
<b>Solubility (25°C)</b>	DMSO:83.33 mg/mL (231.9 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (9.18 mM)
<b>CAS Number</b>	1062444-54-5
<b>Formula</b>	C <sub>16</sub> H <sub>17</sub> N <sub>5</sub> O <sub>5</sub>
<b>SMILES</b>	COCCOc1nc(N)c2[nH]c(=O)n(Cc3ccc(cc3)C(O)=O)c2n1
<b>Storage</b>	Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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